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|------|----|--------|---|
| NEWS | 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS | 2 | NOV 21 | CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present |
| NEWS | 3 | NOV 26 | MARPAT enhanced with FSORT command |
| NEWS | 4 | NOV 26 | CHEMSAFE now available on STN Easy |
| NEWS | 5 | NOV 26 | Two new SET commands increase convenience of STN searching |
| NEWS | 6 | DEC 01 | ChemPort single article sales feature unavailable |
| NEWS | 7 | DEC 12 | GBFULL now offers single source for full-text coverage of complete UK patent families |
| NEWS | 8 | DEC 17 | Fifty-one pharmaceutical ingredients added to PS |
| NEWS | 9 | JAN 06 | The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo |
| NEWS | 10 | JAN 07 | WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data |
| NEWS | 11 | FEB 02 | Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE |
| NEWS | 12 | FEB 02 | GENBANK enhanced with SET PLURALS and SET SPELLING |
| NEWS | 13 | FEB 06 | Patent sequence location (PSL) data added to USGENE |
| NEWS | 14 | FEB 10 | COMPENDEX reloaded and enhanced |
| NEWS | 15 | FEB 11 | WTEXTILES reloaded and enhanced |
| NEWS | 16 | FEB 19 | New patent-examiner citations in 300,000 CA/CAPLUS patent records provide insights into related prior art |
| NEWS | 17 | FEB 19 | Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01 |
| NEWS | 18 | FEB 23 | Several formats for image display and print options discontinued in USPATFULL and USPAT2 |
| NEWS | 19 | FEB 23 | MEDLINE now offers more precise author group fields and 2009 MeSH terms |
| NEWS | 20 | FEB 23 | TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms |
| NEWS | 21 | FEB 23 | Three million new patent records blast AEROSPACE into STN patent clusters |
| NEWS | 22 | FEB 25 | USGENE enhanced with patent family and legal status display data from INPADOCDB |
| NEWS | 23 | MAR 06 | INPADOCDB and INPAFAMDB enhanced with new display formats |
| NEWS | 24 | MAR 11 | EPFULL backfile enhanced with additional full-text applications and grants |
| NEWS | 25 | MAR 11 | ESBIOBASE reloaded and enhanced |
| NEWS | 26 | MAR 20 | CAS databases on STN enhanced with new super role for nanomaterial substances |
| NEWS | 27 | MAR 23 | CA/CAPLUS enhanced with more than 250,000 patent equivalents from China |

NEWS 28 MAR 30 IMSPATENTS reloaded and enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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***** STN Columbus *****

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| | | |
|------------------------|------------|---------|
| => file caplus medline | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 0.22 | 0.22 |

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=> glycolic and polyethylene glycol
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"HELP COMMANDS" at an arrow prompt (=>).

=> s glycolic and polyethylene glycol
L1 1253 GLYCOLIC AND POLYETHYLENE GLYCOL

=> s l1 and polyvinyl
L2 203 L1 AND POLYVINYL

=> s l2 and skin
L3 29 L2 AND SKIN

=> dup rem l3
PROCESSING COMPLETED FOR L3
L4 29 DUP REM L3 (0 DUPLICATES REMOVED)

=> d l4 ibib abs 1-29

L4 ANSWER 1 OF 29 CAPLUS COPYRIGHT 2009 ACS ON STN
ACCESSION NUMBER: 2009:138982 CAPLUS
DOCUMENT NUMBER: 150:199360
TITLE: Compositions and methods for dermally treating
neuropathy with minoxidil
INVENTOR(S): Sanjay, Sharma; Zhang, Jie; Warner, Kevin S.

PATENT ASSIGNEE(S): Zars Pharma, Inc., USA
 SOURCE: PCT Int. Appl., 48pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 19
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|-----------------|-------------|
| WO 2009017767 | A2 | 20090205 | WO 2008-US9222 | 20080730 |
| W: | AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | |
| RW: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| US 20080019927 | A1 | 20080124 | US 2007-888905 | 20070801 |
| PRIORITY APPLN. INFO.: | | | US 2007-888905 | A 20070801 |
| | | | US 2004-577536P | P 20040607 |
| | | | US 2005-146917 | A2 20050606 |
| | | | US 2005-750519P | P 20051214 |
| | | | US 2005-750637P | P 20051214 |
| | | | US 2006-640135 | A2 20061214 |
| | | | US 2006-640139 | A2 20061214 |

AB The present invention is drawn to adhesive solidifying formulations containing minoxidil that can be used for treating neuropathies including diabetic neuropathy. The formulation can include an amount of minoxidil, a solvent vehicle, and a solidifying agent. The solvent vehicle can include a volatile solvent system including at least one volatile solvent, and a non-volatile solvent system including at least one non-volatile solvent capable of facilitating the delivery of the minoxidil at therapeutically effective rates over a sustained period of time. The formulation can have a viscosity suitable for application to a skin surface prior to evaporation of the volatile solvents system. When applied to the skin, the formulation can form a solidified layer after at least a portion of the volatile solvent system is evaporated. Thus, a solidifying formulation for treating diabetic neuropathy and the associated neuropathic pain was prepared containing minoxidil 5, polyvinyl alc. 22.2, propylene glycol 22.2, ethanol 4.4, 5M HCl solution 1.8, and water 44.4%, resp. A solidified peel formulation was formed when the composition obtained was spread on a silicone-coated polyester release liner and the solidified peel was stretchable by 5% in one direction without cracking or splitting.

L4 ANSWER 2 OF 29 CAPLUS COPYRIGHT 2009 ACS ON STN
 ACCESSION NUMBER: 2008:583566 CAPLUS
 DOCUMENT NUMBER: 148:559911
 TITLE: Crystalline anti-human TNF- α antibodies
 INVENTOR(S): Borhani, David W.; Fraunhofer, Wolfgang; Krause, Hans-Juergen; Koenigsdorfer, Anette; Winter, Gerhard; Gottschalk, Stefan
 PATENT ASSIGNEE(S): Abbott Biotechnology Ltd., Bermuda
 SOURCE: PCT Int. Appl., 90pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| WO 2008057240 | A2 | 20080515 | WO 2007-US22622 | 20071025 |
| WO 2008057240 | A9 | 20080828 | | |
| WO 2008057240 | A3 | 20081106 | | |

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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRIORITY APPLN. INFO.: US 2006-855104P P 20061027
AB The authors disclose batch crystallization methods for crystallizing an anti-human tumor necrosis factor α (hTNF- α) antibody. These methods allow for the production of antibodies on an industrial scale.

L4 ANSWER 3 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:377734 CAPLUS
DOCUMENT NUMBER: 148:387269
TITLE: A novel bio-erodible collagen insert for ophthalmic applications and a process for the preparation thereof
INVENTOR(S): Hadassah, Janumalai; Sehgal, Praveen Kumar
PATENT ASSIGNEE(S): Council of Scientific & Industrial Research, India
SOURCE: PCT Int. Appl., 27pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| WO 2008035376 | A2 | 20080327 | WO 2007-IN374 | 20070830 |
| WO 2008035376 | A3 | 20081120 | | |

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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

IN 2006DE02064 A 20080404 IN 2006-DE2064 20060919
PRIORITY APPLN. INFO.: IN 2006-DE2064 A 20060919
AB The present invention provides a novel bio-erodible ophthalmic insert and a process for the preparation of the said bio-erodible insert using collagen treated with organic polar solvents, hydrophilic polymers and therapeutically active substances under controlled conditions. The resulting solution is air

dried in a dust free chamber to make collagen film. This film is cut into shape to obtain insert, which is subjected to crosslinking with UV irradiation followed by conventional sterilization. The prepared inserts are very effective for temporary punctal occlusion in various corneal conditions and are very effective to treat dry eye syndrome due to occupational conditions. Thus, collagen was isolated from Achilles tendons of cow using the scouring solns. containing sodium lauryl sulfate, succinylated at pH 9.0, and mixed with polyethylene glycol and dexamethasone to obtain a viscoelastic solution for ophthalmic applications. The solution was air dried at 15%, made into ophthalmic inserts, the inserts were crosslinked by exposure to UV irradiation, sterilized by ethylene oxide fumigation, and doubly packed.

L4 ANSWER 4 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1431601 CAPLUS

DOCUMENT NUMBER: 150:10981

TITLE: Silicone in glycol pharmaceutical and cosmetic compositions with accommodating agent

INVENTOR(S): Tamarkin, Dov; Friedman, Doron; Zlatkis, Ella; Berman, Tal; Schuz, David

PATENT ASSIGNEE(S): Israel

SOURCE: U.S. Pat. Appl. Publ., 100pp., Cont.-in-part of U.S. Ser. No. 14,088.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 33

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| ----- | --- | ----- | ----- | ----- |
| US 20080292560 | A1 | 20081127 | US 2008-49203 | 20080314 |
| US 20080299220 | A1 | 20081204 | US 2008-14088 | 20080114 |
| PRIORITY APPLN. INFO.: | | | US 2007-880434P | P 20070112 |
| | | | US 2007-918025P | P 20070314 |
| | | | US 2007-919303P | P 20070321 |
| | | | US 2008-14088 | A2 20080114 |
| | | | US 2003-492385P | P 20030804 |
| | | | US 2003-530015P | P 20031216 |
| | | | US 2004-835505 | A2 20040428 |
| | | | US 2004-911367 | A2 20040804 |
| | | | US 2005-679020P | P 20050509 |
| | | | US 2006-784793P | P 20060321 |
| | | | US 2006-430599 | A2 20060509 |
| | | | US 2006-861620P | P 20061129 |
| | | | US 2007-653205 | A2 20070112 |
| | | | US 2007-947751 | A2 20071129 |

AB A carrier, composition or foam formulation comprising; a silicone; about 25% to about 98% of a solvent selected from the group consisting of (1) a propylene glycol or derivative and (2) a polyethylene glycol (PEG) or derivative or mixts. thereof; 0% to about 48% of at least one secondary solvent; and an accommodating agent or complex; and methods of treatment are claimed. A hygroscopic silicone in glycol containing composition includes at least one hygroscopic substance at a concentration sufficient to provide an Aw value of at least 0.9 and a therapeutic agent. A foam composition contained polyethylene glycol-200 76.00, aluminum starch octynylsuccinate 4.00, cetearyl alc. 2.00, cetearyl alc. and cetearyl glucoside 2.00, cyclomethicone (Dow Corning 345 Silicone Fluid) 2.00, stearic acid foam 4.00, steareth-2 (Brij 72) 2.00, stearyl alc. 2.00, and vitamin C 8.00%. The propellant is a mixture of propane, butane and isobutane.

L4 ANSWER 5 OF 29 CAPLUS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 2008:555906 CAPLUS
DOCUMENT NUMBER: 148:546189
TITLE: Injectable hollow particulate tissue filler for tissue repair
INVENTOR(S): Chu, Jack Fa-De
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 13pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| ----- | ---- | ----- | ----- | ----- |
| US 20080107744 | A1 | 20080508 | US 2007-935210 | 20071105 |
| PRIORITY APPLN. INFO.: | | | US 2006-864446P | P 20061106 |

AB The present invention comprises a plurality of injectable hollow particulate fillers suspended in a biocompatible fluid carrier to significantly improve the clumping resistance and injectability of the composition. The hollow particulate fillers have a lower effective d. and are able to suspend in the carrier without precipitation. The loss of skin volume as a result of aging, diseases, weight loss, and injury can lead to uneven skin surface (e.g. wrinkle, etc.). The uneven skin can be repaired by injecting appropriate amount of hollow fillers underneath the skin. Some cases of urinary incontinence occur when the resistance to urine flow has decreased excessively. Continence is restored by injecting the present invention to the urethra tissue to increase resistance to urine outflow. Similarly, the present invention allows for the control of gastric fluid reflux by submucosal injections of the fillers to the esophageal-gastric and gastric-pyloric junction. For patients with vesicoureteral reflux, it can be treated by injection of the present invention into patients' ureteral tissue. This invention can also be used to repair defective or inadequately functioning muscles of the anal sphincter by administering an effective amount of injectable hollow fillers into the defect or anal sinuses.

L4 ANSWER 6 OF 29 CAPLUS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 2008:349028 CAPLUS
DOCUMENT NUMBER: 148:338999
TITLE: Foamable vehicle and vitamin and flavonoid pharmaceutical compositions thereof for treatment of skin and other disorders
INVENTOR(S): Tamarkin, Dov; Friedman, Doron; Eini, Meir; Berman, Tal; Schuz, David
PATENT ASSIGNEE(S): Foamix Ltd., Israel
SOURCE: U.S. Pat. Appl. Publ., 57pp., Cont.-in-part of U.S. Ser. No. 430,599.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 33
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| ----- | ---- | ----- | ----- | ----- |
| US 20080069779 | A1 | 20080320 | US 2007-900072 | 20070910 |
| US 20050031547 | A1 | 20050210 | US 2004-835505 | 20040428 |
| AU 2004313285 | A1 | 20050929 | AU 2004-313285 | 20041216 |
| US 20060275218 | A1 | 20061207 | US 2006-430599 | 20060509 |
| AU 2006298442 | A1 | 20070412 | AU 2006-298442 | 20060509 |

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|----------------|--|----------|-----------------|----------|
| CA 2609953 | A1 | 20070412 | CA 2006-2609953 | 20060509 |
| WO 2007039825 | A2 | 20070412 | WO 2006-IB3628 | 20060509 |
| WO 2007039825 | A3 | 20080306 | | |
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| AU 2006313443 | A1 | 20070518 | AU 2006-313443 | 20060509 |
| CA 2610662 | A1 | 20070518 | CA 2006-2610662 | 20060509 |
| WO 2007054818 | A2 | 20070518 | WO 2006-IB3519 | 20060509 |
| WO 2007054818 | A3 | 20081023 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | |
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| EP 1888032 | A2 | 20080220 | EP 2006-831721 | 20060509 |
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| EP 1893396 | A2 | 20080305 | EP 2006-809259 | 20060509 |
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| JP 2008540508 | T | 20081120 | JP 2008-510676 | 20060509 |
| JP 2008540511 | T | 20081120 | JP 2008-510679 | 20060509 |
| US 20070280891 | A1 | 20071206 | US 2006-645444 | 20061226 |
| US 20080050317 | A1 | 20080228 | US 2007-894668 | 20070820 |
| MX 2007014106 | A | 20080829 | MX 2007-14106 | 20071109 |
| IN 2007KN04432 | A | 20080125 | IN 2007-KN4432 | 20071203 |
| IN 2007KN04590 | A | 20080704 | IN 2007-KN4590 | 20071203 |

PRIORITY APPLN. INFO.:

| | | |
|-----------------|----|----------|
| US 2003-492385P | P | 20030804 |
| US 2003-530015P | P | 20031216 |
| US 2004-835505 | A2 | 20040428 |
| US 2005-679020P | P | 20050509 |
| US 2006-784793P | P | 20060321 |
| US 2006-430599 | A2 | 20060509 |
| US 2006-843140P | P | 20060908 |
| WO 2006-IB3519 | W | 20060509 |
| WO 2006-IB3628 | W | 20060509 |

AB Vitamin and flavonoid containing compns. are provided that are stable to degradation. Stabilized compns. include one or more features including a hygroscopic solvent at a sufficient concentration to provide an Aw value of the hygroscopic vitamin and or flavonoid containing composition of less than 0.9, antioxidant flavonoids that are preferentially oxidized before the vitamin, preservatives, and hydrocarbon propellants selected to reduce the oxidation potential of the composition. Thus, a foamable carrier was prepared containing

propylene glycol 88.00, stearyl alc. 2.00, hydroxypropyl cellulose 2.00, Laureth-4 2.00, GMS NE 2.00, macrogol cetostearyl ether 1.00, and PPG-15 stearyl ether 3.00%, resp. Ascorbic acid and niacinamide were concurrently added to the carrier at 5.00% and 2.00%, resp. Following addition of a propellant, the foamable composition was obtained, which upon release from an aerosol pressurized container afforded foam of good quality. The foam was easily spread and immediately absorbed into the facial skin with no extensive rubbing.

L4 ANSWER 7 OF 29 CAPLUS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 2008:226051 CAPLUS
DOCUMENT NUMBER: 148:269446
TITLE: Dicarboxylic acid foamable vehicle and pharmaceutical compositions thereof
INVENTOR(S): Tamarkin, Dov; Friedman, Doron; Berman, Tal; Ziv, Enbal; Schuz, David
PATENT ASSIGNEE(S): Foamix Ltd., Israel
SOURCE: U.S. Pat. Appl. Publ., 37pp., Cont.-in-part of U.S. Ser. No. 717,897.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 33
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|--|----------|-----------------|----------|
| US 20080044444 | A1 | 20080221 | US 2007-825406 | 20070705 |
| WO 2004037225 | A2 | 20040506 | WO 2003-IB5527 | 20031024 |
| WO 2004037225 | A3 | 20041229 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| US 20050031547 | A1 | 20050210 | US 2004-835505 | 20040428 |
| US 20050069566 | A1 | 20050331 | US 2004-911367 | 20040804 |
| AU 2004313285 | A1 | 20050929 | AU 2004-313285 | 20041216 |
| US 20050232869 | A1 | 20051020 | US 2005-78902 | 20050311 |
| ZA 2005003298 | A | 20060830 | ZA 2005-3298 | 20050425 |
| US 20060140984 | A1 | 20060629 | US 2005-532618 | 20051222 |
| AU 2006201878 | A1 | 20070927 | AU 2006-201878 | 20060504 |
| US 20070280891 | A1 | 20071206 | US 2006-645444 | 20061226 |
| US 20070292461 | A1 | 20071220 | US 2007-653205 | 20070112 |
| US 20070253911 | A1 | 20071101 | US 2007-717897 | 20070313 |
| WO 2008038147 | A2 | 20080403 | WO 2007-IB3759 | 20070705 |
| WO 2008038147 | A3 | 20081016 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | |
| RW: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, | | | |

GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

US 20080050317 A1 20080228 US 2007-894668 20070820
PRIORITY APPLN. INFO.: IL 2002-152486 A 20021025
US 2002-429546P P 20021129
US 2003-492385P P 20030804
WO 2003-1B5527 W 20031024
US 2003-530015P P 20031216
US 2004-835505 A2 20040428
US 2004-911367 A2 20040804
US 2005-78902 A2 20050311
US 2005-532618 A2 20051222
US 2006-818634P P 20060705
US 2007-653205 A2 20070112
US 2007-717897 A2 20070313
US 2005-679020P P 20050509
US 2006-781868P P 20060313
US 2006-784793P P 20060321
US 2006-430599 A2 20060509
US 2007-897638P P 20070126
US 2007-899176P P 20070202

AB The present invention relates to a foamable pharmaceutical carrier comprising a benefit agent, selected from the group consisting of a dicarboxylic acid and a dicarboxylic acid ester; a stabilizer selected from the group consisting of at least one surface-active agent; at least one polymeric agent and mixts. thereof; a solvent selected from the group consisting of water, a hydrophilic solvent, a hydrophobic solvent, a potent solvent, a polar solvent, a silicone, an emollient, and mixts. thereof, wherein the benefit agent, stabilizer and solvent are selected to provide a composition that is substantially resistant to aging and to phase separation and or can substantially stabilize other active ingredients. The invention further relates to a foamable composition further containing a liquefied

hydrocarbon gas propellant. Thus, a foaming vehicle composition comprised (i) an oil phase containing diisopropyl adipate (DISPA) 20.00, benzyl alc. 2.00, oleyl alc. 20.00, PPG 15 stearyl ether 2.00, sorbitan stearate 2.00, and stearyl alc. 3.00, and (ii) a water phase containing hydroxypropyl Me cellulose 0.15, xanthan gum 0.15, sucrose ester 3.00, propylene glycol 17.70, and water 30.00%, resp.

L4 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:96437 CAPLUS
DOCUMENT NUMBER: 148:175777
TITLE: Compositions and methods for dermally treating neuropathy with minoxidil
INVENTOR(S): Zhang, Jie; Warner, Kevin S.; Sharma, Sanjay
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 17pp., Cont.-in-part of U.S. Ser. No. 640,139.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 19
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|------|----------|-----------------|----------|
| US 20080019927 | A1 | 20080124 | US 2007-888905 | 20070801 |
| US 20050276842 | A1 | 20051215 | US 2005-146917 | 20050606 |
| US 20070189980 | A1 | 20070816 | US 2006-640135 | 20061214 |
| US 20070196458 | A1 | 20070823 | US 2006-640139 | 20061214 |
| AU 2006339350 | A1 | 20070907 | AU 2006-339350 | 20061214 |

CA 2633464 A1 20070907 CA 2006-2633464 20061214
 EP 1968541 A2 20080917 EP 2006-849969 20061214
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL,
 BA, HR, MK, RS
 IN 2008MN01481 A 20081010 IN 2008-MN1481 20080714
 WO 2009017767 A2 20090205 WO 2008-US9222 20080730
 W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
 CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,
 FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,
 KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
 ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,
 PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ,
 TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
 IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
 TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
 AM, AZ, AY, KG, KZ, MD, RU, TJ, TM
 CN 101370453 A 20090218 CN 2006-80052642 20080811
 PRIORITY APPLN. INFO.: US 2004-577536P P 20040607
 US 2005-146917 A2 20050606
 US 2005-750519P P 20051214
 US 2005-750637P P 20051214
 US 2006-640135 A2 20061214
 US 2006-640139 A2 20061214
 US 2005-750521P P 20051214
 WO 2006-US48059 W 20061214
 US 2007-888905 A 20070801

AB The present invention is drawn to adhesive solidifying formulations containing minoxidil that can be used for treating neuropathies including diabetic neuropathy. The formulation can include an amount of minoxidil, a solvent vehicle, and a solidifying agent. The solvent vehicle can include a volatile solvent system including at least one volatile solvent, and a non-volatile solvent system including at least one non-volatile solvent capable of facilitating the delivery of the minoxidil at therapeutically effective rates over a sustained period of time. The formulation can have a viscosity suitable for application to a skin surface prior to evaporation of the volatile solvents system. When applied to the skin, the formulation can form a solidified layer after at least a portion of the volatile solvent system is evaporated

L4 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2009 ACS ON STN
 ACCESSION NUMBER: 2008:86833 CAPLUS
 DOCUMENT NUMBER: 148:387369
 TITLE: Method for manufacturing nanofiber nonwoven fabrics containing antioxidant as wound dressing
 INVENTOR(S): Lee, Seong Jun; Lee, Se Geun; Kim, Ho Yeong; Kim, Jae Ryong; Cha, Yeong; Ryu, Won Seok
 PATENT ASSIGNEE(S): Daegu Gyeongbuk Institute of Science and Technology, S. Korea; Yeungnam University, Industry-Academy Cooperation Foundation
 SOURCE: Repub. Korea, 9pp.
 CODEN: KRXXFC
 DOCUMENT TYPE: Patent
 LANGUAGE: Korean
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| KR 791039 | B1 | 20080103 | KR 2006-71624 | 20060728 |

PRIORITY APPLN. INFO.:

KR 2006-71624

20060728

AB The title nanofiber nonwoven fabrics contain N-acetyl-L-cysteine (NAC)-impregnated biocompatible polymer. The title method comprises dissolving the biocompatible polymer in solvent, adding NAC-containing solution in the polymer solution, and carrying out elec. radiation on the mixed solution. The nonwoven fabrics have good softness, fine pores, large sp. surface area, good adhesion to the skin, and excellent air permeability, and can be used as wound dressings. The nonwoven fabrics can inhibit infection caused by the penetration of external bacteria. With the antioxidant, the generation of active oxygen species is inhibited, so that cells of damaged tissues can be regenerated effectively.

L4 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1259890 CAPLUS

DOCUMENT NUMBER: 149:541538

TITLE: Method for preparing taxanes tumor-targeting sustained-release gel injection for treating solid tumors

INVENTOR(S): Hou, Hongtao; Sun, Qiming

PATENT ASSIGNEE(S): Jinan Jifu Pharmtech Co., Ltd., Peop. Rep. China

SOURCE: Faming Zhuanti Shenqing Gongkai Shuomingshu, 14pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--------------|------|----------|------------------|----------|
| ----- | --- | ----- | ----- | ----- |
| CN 101283976 | A | 20081015 | CN 2008-10301835 | 20080530 |

PRIORITY APPLN. INFO.: CN 2008-10301835 20080530

AB The title tumor-targeting sustained-release gel injection containing taxanes for treating various solid tumors is prepared from 0.005-4% taxanes drug, amphiphilic block copolymer, solvent, and drug release regulator. In the gel injection, taxanes are completely or partly embedded in sustained-release microspheres, the solvent is selected from distilled water, water for injection, physiolo. buffer, cell culture fluid, body fluid, tissue fluid, buffer, and phosphate buffer, and the content of solvent in the hydrogel comprising solvent and amphiphilic block copolymer is 60-99%. The taxanes drug is selected from docetaxel, taxol, epitaxol, hydroxytaxol, and deacetyltaxol. The amphiphilic block copolymer comprises polyethylene glycol and polyester, including poly(lactic acid-polyethylene glycol-poly(lactic acid), poly(glycolide-co-lactide)-polyethylene glycol -poly(glycolide-co-lactide), polyethylene glycol -poly(lactic acid-polyethylene glycol, and polyethylene glycol-poly(glycolide-co-lactide)-polyethylene glycol. The drug release regulator is selected from one or more of sugar, salt, CMC-Na, glycerol, dimethylsilicone oil, propanediol, carbomer, mannitol, surfactants, etc. 6 kinds of methods for preparing the gel injection are presented in the invention. In the gel injection, the mixture of amphiphilic block copolymer and solvent has temperature-sensitive gelation characteristics and can be transformed into a stagnant, biodegradable, and insol. gel in vivo, which can sustain local drug release in tumor in several wk to several mo. The prepared gel injection can be used for treating various tumors at different stages and tumors which could not resected, controlling tumor-related complications and recurrence of post-operational residual tumor, and enhancing chemotherapeutic effects and radiotherapeutic effects.

L4 ANSWER 11 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:988451 CAPLUS

DOCUMENT NUMBER: 149:333445
 TITLE: Pressure sensitive adhesive containing hydroxy acid oligomer with good water absorption and elasticity and its application
 INVENTOR(S): Dong, Anjie; Li, Jun; Deng, Liandong
 PATENT ASSIGNEE(S): Tianjin University, Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 9pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|------------------|----------|
| CN 101240149 | A | 20080813 | CN 2007-10056733 | 20070207 |
| PRIORITY APPLN. INFO.: | | | CN 2007-10056733 | 20070207 |

AB Title adhesive consists of (A) N-vinylpyrrolidone and its alkyl substituted derivative (co)polymer, polyacrylic acid, polyacrylamide, polyamino acid, polymethacrylic acid, polyvinyl alc., etc., with relative mol. weight (10-20) x 104 30-70, (B) oligomer or copolymer of lactic acid, glycolic acid, hydroxybutyric acid, or caprolactone with polymerization degree 2-8 10-40, (C) short chain polyol and/or amine with relative mol. weight ≤300 10-50, and (D) water 1-50%. The pressure sensitive adhesive, having good water absorption, elasticity, and adhesion, can be used for transdermal drug delivery system, treatment of skin diseases, cosmetic and skin care.

L4 ANSWER 12 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2007:200433 CAPLUS
 DOCUMENT NUMBER: 146:258990
 TITLE: Methods and devices for lymphatic targeting
 INVENTOR(S): Liu, Jiang; Johnston, Michael Richard; Wu, Xiao Yu
 PATENT ASSIGNEE(S): University Health Network, Can.
 SOURCE: PCT Int. Appl., 94pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2007019678 | A1 | 20070222 | WO 2006-CA1321 | 20060814 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM CA 2618807 A1 20070222 CA 2006-2618807 20060814 EP 1922094 A1 20080521 EP 2006-775100 20060814 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR IN 2008DN02108 A 20080711 IN 2008-DN2108 20080311 CN 101287507 A 20081015 CN 2006-80038249 20080414 | | | | |

PRIORITY APPLN. INFO.:

US 2005-707534P P 20050812
WO 2006-CA1321 W 20060814

AB The present invention is directed to an implantable device comprising a biocompatible and biodegradable matrix impregnated with a bioactive complex suitable for selectively targeting the lymphatic system, wherein the bioactive complex comprises one or more particle forming materials and one or more bioactive agents. The invention is further directed to methods of using and the process of preparing, the implantable device. Therapeutic effects of PLGA-paclitaxel gelatin sponge in controlling lymphatic tumor in an orthotopic adjuvant lung cancer model in nude rats was shown. Intraoperative implantation of gelatin sponge containing PLGA-paclitaxel significantly reduced lymphatic tumor metastasis. The incidence of lymphatic metastasis was significantly lower in the treatment group 25% (2/8) compared to the controls 100% (8/8) (p<0.01).

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:1450675 CAPLUS

DOCUMENT NUMBER: 148:85686

TITLE: Polypropylene glycol foamable vehicle and pharmaceutical compositions

INVENTOR(S): Friedman, Doron; Tamarkin, Dov; Feiman, Naomi; Schuz, David; Berman, Tal

PATENT ASSIGNEE(S): Foamix Ltd., Israel

SOURCE: U.S. Pat. Appl. Publ., 37pp., Cont.-in-part of U.S. Ser. No. 7/17,897.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 33

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|--|----------|-----------------|----------|
| US 20070292359 | A1 | 20071220 | US 2007-811140 | 20070607 |
| WO 2004037225 | A2 | 20040506 | WO 2003-IB5527 | 20031024 |
| WO 2004037225 | A3 | 20041229 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| US 20050031547 | A1 | 20050210 | US 2004-835505 | 20040428 |
| US 20050069566 | A1 | 20050331 | US 2004-911367 | 20040804 |
| US 20050074414 | A1 | 20050407 | US 2004-922358 | 20040820 |
| AU 2004313285 | A1 | 20050929 | AU 2004-313285 | 20041216 |
| US 20050232869 | A1 | 20051020 | US 2005-78902 | 20050311 |
| ZA 2005003298 | A | 20060830 | ZA 2005-3298 | 20050425 |
| US 20050271596 | A1 | 20051208 | US 2005-124676 | 20050509 |
| US 20060140984 | A1 | 20060629 | US 2005-532618 | 20051222 |
| AU 2006201878 | A1 | 20070927 | AU 2006-201878 | 20060504 |
| US 20070020304 | A1 | 20070125 | US 2006-481596 | 20060706 |
| WO 2007085899 | A2 | 20070802 | WO 2006-IB4026 | 20060706 |
| WO 2007085899 | A3 | 20080710 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, | | | |

GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

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US 20070020213 A1 20070125 US 2006-488989 20060719
WO 2007085902 A2 20070802 WO 2006-IB4119 20060719
WO 2007085902 A3 20071129

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

US 20070280891 A1 20071206 US 2006-645444 20061226
US 20070253911 A1 20071101 US 2007-717897 20070313
US 20080050317 A1 20080228 US 2007-894668 20070820
US 20080152596 A1 20080626 US 2007-894767 20070820

PRIORITY APPLN. INFO.:

IL 2002-152486 A 20021025
US 2002-429546P P 20021129
US 2003-492385P P 20030804
US 2003-497648P P 20030825
WO 2003-IB5527 W 20031024
US 2003-530015P P 20031216
US 2004-835505 A2 20040428
US 2004-911367 A2 20040804
US 2004-922358 A2 20040820
US 2005-78902 A2 20050311
US 2005-124676 A2 20050509
US 2005-696878P P 20050706
US 2005-700702P P 20050719
US 2005-532618 A2 20051222
US 2006-781868P P 20060313
US 2006-811627P P 20060607
US 2006-481596 A2 20060706
US 2006-488989 A2 20060719
US 2007-897638P P 20070126
US 2007-899176P P 20070202
US 2007-717897 A2 20070313
US 2007-811140 A1 20070607

AB The present invention relates to a foamable pharmaceutical carrier comprising polypropylene glycol (PPG) alkyl ether, a surfactant, water and a liquefied hydrocarbon gas propellant; and pharmaceutical compns. thereof. The present invention further teaches a foamable pharmaceutical carrier comprising PPG alkyl ether, a surfactant, and a liquefied hydrocarbon gas propellant; and pharmaceutical compns. thereof.

L4 ANSWER 14 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:941796 CAPLUS

DOCUMENT NUMBER: 147:308196

TITLE: Adhesive solidifying formulations for treating

dermatitis or psoriasis
 INVENTOR(S): Zhang, Jie; Warner, Kevin S.; Sharma, Sanjay
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 20pp., Cont.-in-part of U.S.
 Ser. No. 146,917.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 19
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|-------------|
| US 20070196459 | A1 | 20070823 | US 2006-640140 | 20061214 |
| US 20050276842 | A1 | 20051215 | US 2005-146917 | 20050606 |
| AU 2006339350 | A1 | 20070907 | AU 2006-339350 | 20061214 |
| CA 2633464 | A1 | 20070907 | CA 2006-2633464 | 20061214 |
| EP 1968541 | A2 | 20080917 | EP 2006-849969 | 20061214 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | | |
| IN 2008MN01481 | A | 20081010 | IN 2008-MN1481 | 20080714 |
| CN 101370453 | A | 20090218 | CN 2006-80052642 | 20080811 |
| PRIORITY APPLN. INFO.: | | | US 2004-577536P | P 20040607 |
| | | | US 2005-146917 | A2 20050606 |
| | | | US 2005-750524P | P 20051214 |
| | | | US 2005-750637P | P 20051214 |
| | | | US 2005-750521P | P 20051214 |
| | | | WO 2006-US48059 | W 20061214 |

AB The present invention is drawn to adhesive solidifying formulations for treating skin disorders, such as dermatitis or psoriasis. The formulation can include a drug, a solvent vehicle, and a solidifying agent. The solvent vehicle can include a volatile solvent system including at least one volatile solvent, and a non-volatile solvent system including at least one non-volatile solvent, wherein the non-volatile solvent system is capable of facilitating the delivery of the drug at therapeutically effective rates over a sustained period of time. The formulation can have a viscosity suitable for application to a skin surface prior to evaporation of the volatile solvents system. When applied to the skin, the formulation can form a solidified layer after at least a portion of the volatile solvent system is evaporated. A formulation contains polyvinyl alc., water, glycerol, propylene glycol, Gantrez ES 425, oleic acid, ethanol, and clobetasol propionate.

L4 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2007:941797 CAPLUS
 DOCUMENT NUMBER: 147:308197
 TITLE: Adhesive solidifying formulations for dermally treating neuropathic pain
 INVENTOR(S): Zhang, Jie; Warner, Kevin S.; Sharma, Sanjay
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 22pp., Cont.-in-part of U.S.
 Ser. No. 146,917.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 19
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|------|----------|-----------------|----------|
| US 20070196458 | A1 | 20070823 | US 2006-640139 | 20061214 |

| | | | | |
|---|----|----------|------------------|----------|
| US 20050276842 | A1 | 20051215 | US 2005-146917 | 20050606 |
| AU 2006339350 | A1 | 20070907 | AU 2006-339350 | 20061214 |
| CA 2633464 | A1 | 20070907 | CA 2006-2633464 | 20061214 |
| EP 1968541 | A2 | 20080917 | EP 2006-849969 | 20061214 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | | |
| US 20080019927 | A1 | 20080124 | US 2007-888905 | 20070801 |
| IN 2008MN01481 | A | 20081010 | IN 2008-MN1481 | 20080714 |
| CN 101370453 | A | 20090218 | CN 2006-80052642 | 20080811 |

PRIORITY APPLN. INFO.:

| | | |
|-----------------|----|----------|
| US 2004-577536P | P | 20040607 |
| US 2005-146917 | A2 | 20050606 |
| US 2005-750519P | P | 20051214 |
| US 2005-750637P | P | 20051214 |
| US 2005-750521P | P | 20051214 |
| US 2006-640135 | A2 | 20061214 |
| US 2006-640139 | A2 | 20061214 |
| WO 2006-US48059 | W | 20061214 |

AB The present invention is drawn to adhesive solidifying formulations for treating neuropathic pain. The formulation can include a drug suitable for treating neuropathic pain, a solvent vehicle, and a solidifying agent. The solvent vehicle can include a volatile solvent system including at least one volatile solvent, and a non-volatile solvent system including at least one non-volatile solvent capable of facilitating the delivery of the drug at therapeutically effective rates over a sustained period of time. The formulation can have a viscosity suitable for application to a skin surface prior to evaporation of the volatile solvents system. When applied to the skin, the formulation can form a solidified layer after at least a portion of the volatile solvent system is evaporated. A formulation contains ropivacaine-HCl, Eudragit RL-100, ethanol, isostearic acid, glycerol, propylene glycol, and trolamine.

L4 ANSWER 16 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:1226536 CAPLUS
DOCUMENT NUMBER: 145:511707
TITLE: Depot for sustained and controlled delivery of methotrexate
INVENTOR(S): Freier, Thomas; Montenegro, Rivelino; Shoichet, Molly S.
PATENT ASSIGNEE(S): Matrogen Corp., Can.
SOURCE: PCT Int. Appl., 95pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| ----- | --- | ----- | ----- | ----- |
| WO 2006122414 | A1 | 20061123 | WO 2006-CA805 | 20060517 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |

PRIORITY APPLN. INFO.: US 2005-681729P P 20050517

AB An implantable device for sustained and controlled delivery of methotrexate in treating cancer, severe psoriasis and rheumatoid arthritis, and a method for producing a hydrogel casing using centrifugal forces are disclosed. The device with a variety of hollow structures and morphologies was produced with a rotational spinning technique using an aminated glass tube as the mold. Hydrogel tubes were made from a methacrylate monomer mixture and loaded with methotrexate and polycaprolactone as a stabilizer.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:1066830 CAPLUS

DOCUMENT NUMBER: 145:404382

TITLE: Device and methods for treating paranasal sinus conditions

INVENTOR(S): Eaton, Donald J.; Tice, Thomas R.; Downie, David B.; Arensdorf, Patrick A.; Brennenman, Rodney; Biggs, Danielle L.

PATENT ASSIGNEE(S): Sinexus, Inc., USA

SOURCE: PCT Int. Appl., 82pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE | |
|----------------|--|----------|------------------|----------------|----------|
| WO 2006107957 | A2 | 20061012 | WO 2006-US12484 | 20060404 | |
| WO 2006107957 | A3 | 20061116 | | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| AU 2006231506 | A1 | 20061012 | AU 2006-231506 | 20060404 | |
| CA 2603081 | A1 | 20061012 | CA 2006-2603081 | 20060404 | |
| US 20070005094 | A1 | 20070104 | US 2006-398342 | 20060404 | |
| EP 1871383 | A2 | 20080102 | EP 2006-749235 | 20060404 | |
| R: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, JP 2008537695 | T | 20080925 | JP 2008-505446 | 20060404 |
| IN 2007KN03661 | A | 20080328 | IN 2007-KN3661 | 20070927 | |
| MX 2007012324 | A | 20080212 | MX 2007-12324 | 20071003 | |
| KR 2008005939 | A | 20080115 | KR 2007-725552 | 20071102 | |
| CN 101189016 | A | 20080528 | CN 2006-80019539 | 20071203 | |

PRIORITY APPLN. INFO.: US 2005-668569P P 20050404
WO 2006-US12484 W 20060404

AB Described here are paranasal sinus devices for treating paranasal sinus conditions. The devices include a cavity member, ostial member, and nasal portion. One or more of the cavity member, ostial member, and nasal portion may deliver an active agent for sustained release to treat the paranasal sinus condition. Exemplary paranasal sinus conditions are sinus

inflammation due to functional endoscopic sinus surgery (FESS) and rhinosinusitis.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:491792 CAPLUS

DOCUMENT NUMBER: 145:14124

TITLE: Topical delivery system comprising esters of hydroxy acids for cosmetic and pharmaceutical agents

INVENTOR(S): Gupta, Shyam K.

PATENT ASSIGNEE(S): Bioderm Research, USA

SOURCE: U.S. Pat. Appl. Publ., 20 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 17

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| ----- | ---- | ----- | ----- | ----- |
| US 20060110415 | A1 | 20060525 | US 2004-904665 | 20041122 |
| US 20070166255 | A1 | 20070719 | US 2007-670942 | 20070202 |
| PRIORITY APPLN. INFO.: | | | US 2004-904665 | A2 20041122 |
| | | | US 2005-161856 | A2 20050819 |

AB This invention relates to topical compns. containing esters of hydroxy acids and their application in the deep-penetration delivery of beneficial cosmetic and pharmaceutical agents. An ester of a hydroxy acid is selected from alkyl and aryl esters of glycolic, malic, lactic, mandelic, ascorbic, phytic, salicylic, aleuritic, and tartaric acids, etc. Thus, a skin whitening serum was prepared containing Et lactate 20.0, hydroxypropyl guar 0.5, quinaacetophenone 5.0, PEG-6 70.0, arbutin 4.0, and preservatives 0.5 parts, resp. The product had a clear to slightly hazy serum-like appearance. It was absorbed rapidly with a silky smooth skin feel. Also, an arthritis pain relief anti-inflammatory gel was prepared containing tri-Et citrate 55.65, Polyamide-3 5.0, preservative

0.5, Boswellia serrata extract 0.05, N-acetylglucosamine 2.0, methylsulfonylmethane 5.0, Aloe vera 0.1, vitamin E 0.5, paeonol 0.5, magnolol 0.2, chondroitin sulfate 0.5, and zeolite 30.0 parts, resp.

L4 ANSWER 19 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:591976 CAPLUS

DOCUMENT NUMBER: 143:120594

TITLE: Biocompatible protein particles and particle devices

INVENTOR(S): Masters, David B.; Berg, Eric P.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 27 pp., Cont.-in-part of U.S. Ser. No. 160,424.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|------|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| US 20050147690 | A1 | 20050707 | US 2004-962984 | 20041012 |
| AU 2005295112 | A1 | 20060420 | AU 2005-295112 | 20051012 |
| CA 2583561 | A1 | 20060420 | CA 2005-2583561 | 20051012 |
| WO 2006042310 | A1 | 20060420 | WO 2005-US36867 | 20051012 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,

CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,
 LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ,
 NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG,
 SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN,
 YU, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM
 EP 1802282 A1 20070704 EP 2005-807232 20051012
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
 PRIORITY APPLN. INFO.: US 1998-160424 A2 19980925
 US 2003-509823P P 20031009
 US 2004-962984 A 20041012
 WO 2005-US36867 W 20051012
 AB The present invention relates to biocompatible protein particles, particle
 devices and their methods of preparation and use. More specifically, the
 present invention relates protein particles and devices derived from such
 particles comprising one or more biocompatible purified proteins combined
 with one or more biocompatible solvents. In various embodiments of the
 present invention the protein particles may also include one or more drugs
 and/or one or more additives. A modified polyurethane film, having a
 collagen/elastin/heparin embedded surface, was ready for fabrication into
 the appropriate body-contacting surface, such as a vascular graft.
 L4 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:409132 CAPLUS
 DOCUMENT NUMBER: 142:462257
 TITLE: Human antibodies to interleukin-18
 INVENTOR(S): Ghayur, Tariq; Labkovsky, Boris; Voss, Jeffrey W.;
 Green, Larry; Babcock, John; Jia, Xiao-chi; Wieler,
 James; Kang, Jaspal Singh; Hedberg, Brad
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 87 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| US 20050100965 | A1 | 20050512 | US 2003-706689 | 20031112 |
| AU 2004290073 | A1 | 20050526 | AU 2004-290073 | 20041112 |
| CA 2543920 | A1 | 20050526 | CA 2004-2543920 | 20041112 |
| WO 2005047307 | A2 | 20050526 | WO 2004-US37971 | 20041112 |
| WO 2005047307 | A3 | 20060831 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP 1685152 | A2 | 20060802 | EP 2004-817825 | 20041112 |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK,
HR, IS, YU

| | | | | |
|----------------|---|----------|------------------|----------|
| BR 2004016255 | A | 20070109 | BR 2004-16255 | 20041112 |
| CN 1902229 | A | 20070124 | CN 2004-80039948 | 20041112 |
| JP 2007510435 | T | 20070426 | JP 2006-539948 | 20041112 |
| IN 2006DN02640 | A | 20070810 | IN 2006-DN2640 | 20060510 |
| KR 2006123148 | A | 20061201 | KR 2006-709221 | 20060511 |
| MX 2006005469 | A | 20060725 | MX 2006-5469 | 20060512 |

PRIORITY APPLN. INFO.:

| | | |
|-----------------|---|----------|
| US 2003-706689 | A | 20031112 |
| WO 2004-U537971 | W | 20041112 |

AB The authors disclose IL-18 binding proteins, particularly human antibodies that bind human interleukin-18 (hIL-18). Preferred antibodies have high affinity for hIL-18 and/or that neutralize hIL-18 activity in vitro and in vivo. An antibody of the invention can be a full-length antibody or an antigen-binding portion thereof. Method of making and method of using the antibodies of the invention are also provided. The antibodies, or antibody portions, of the invention are useful for detecting hIL-18 and for inhibiting hIL-18 activity, e.g., in a human subject suffering from a disorder in which hIL-18 activity is detrimental.

L4 ANSWER 21 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:41238 CAPLUS

DOCUMENT NUMBER: 140:99289

TITLE: Skin compositions containing organic acids
and nonionic water-soluble polymers for external use

INVENTOR(S): Hanano, Akinori

PATENT ASSIGNEE(S): Noevir Co., Ltd., Japan

SOURCE: PCT Int. Appl., 14 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2004004675 | A1 | 20040115 | WO 2003-JP101 | 20030109 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2003201853 | A1 | 20040123 | AU 2003-201853 | 20030109 |
| JP 3907659 | B2 | 20070418 | JP 2004-519194 | 20030109 |
| US 20060013786 | A1 | 20060119 | US 2005-520037 | 20050630 |
| PRIORITY APPLN. INFO.: | | | JP 2002-193944 | A 20020702 |
| | | | WO 2003-JP101 | W 20030109 |

AB It is intended to provide skin prepsns. for external use having a pH value of ≤ 2 which can be uniformly spread out on the skin surface and have excellent efficaciousness and storage stability. Namely, disclosed are skin prepsns. for external use having a pH value of ≤ 2 which contain one or more organic acids and one or more nonionic water-soluble polymers other than polysaccharides. The composition is suitable for use for chemical peeling treatment of skin. A composition containing 70 % glycolic acid solution 30, 2 % high-mol.-weight polyoxyethylene glycol solution 25 % was formulated.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 22 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2004:739961 CAPLUS
 DOCUMENT NUMBER: 141:248734
 TITLE: Injectable sustained release pharmaceutical delivery devices
 INVENTOR(S): Chou, Kang-Jye; Guo, Hong; Ashton, Paul; Shimizu, Robert W.; Watson, David A.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 25 pp., Cont.-in-part of U.S. Ser. No. 428,214.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 13
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|-----------------|
| US 20040176341 | A1 | 20040909 | US 2003-714549 | 20031113 |
| US 20040009222 | A1 | 20040115 | US 2003-428214 | 20030502 |
| AU 2004292957 | A1 | 20050609 | AU 2004-292957 | 20041026 |
| CA 2545650 | A1 | 20050609 | CA 2004-2545650 | 20041026 |
| WO 2005051234 | A2 | 20050609 | WO 2004-US35430 | 20041026 |
| WO 2005051234 | A3 | 20051110 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP 1696822 | A2 | 20060906 | EP 2004-796413 | 20041026 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK | | | | |
| CN 1901850 | A | 20070124 | CN 2004-80040139 | 20041026 |
| JP 2007512248 | T | 20070517 | JP 2006-539545 | 20041026 |
| MX 2006005431 | A | 20070125 | MX 2006-5431 | 20060512 |
| IN 2006DN02692 | A | 20070803 | IN 2006-DN2692 | 20060512 |
| NO 2006002362 | A | 20060813 | NO 2006-2362 | 20060523 |
| AU 2006202338 | A1 | 20060622 | AU 2006-202338 | 20060601 |
| AU 2006202338 | B2 | 20080918 | | |
| US 20080063687 | A1 | 20080313 | US 2007-894694 | 20070820 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | | US 2002-377974P |
| | | | | US 2002-425943P |
| | | | | US 2002-437576P |
| | | | | US 2003-452348P |
| | | | | US 2003-428214 |
| | | | | AU 2001-253675 |
| | | | | US 2003-714549 |
| | | | | US 2004-543368P |
| | | | | WO 2004-US35430 |
| | | | | W 20041026 |
| AB An injectable drug delivery device includes a core containing one or more drugs and one or more polymers. The core may be surrounded by one or more polymer outer layers (referred to herein as "coatings," "skins," or "outer layers"). In certain embodiments, the device is formed by | | | | |

extruding or otherwise preforming a polymeric skin for a drug core. The drug core may be co-extruded with the skin, or inserted into the skin after the skin has been extruded, and possibly cured. In other embodiments, the drug core may be coated with one or more polymer coatings. These techniques may be usefully applied to fabricate devices having a wide array of drug formulations and skins that can be selected to control the release rate profile and various other properties of the drugs in the drug core in a form suitable for injection using standard or non-standard gauge needles. The device may be formed by combining at least one polymer, at least one drug, and at least one liquid solvent to form a liquid suspension or solution wherein, upon injection, such suspension or solution under goes a phase change and forms a gel. The configuration may provide for controlled release of the drug(s) for an extended period. Sustained-release pharmaceutical injections comprising fluocinolone acetonide, polycaprolactone, poly(vinyl acetate) at a drug loading level of 40% are described.

L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:960660 CAPLUS
DOCUMENT NUMBER: 138:19488
TITLE: Method and pharmaceutical compositions using anti-microtubule agents for treating multiple sclerosis and other inflammatory diseases
INVENTOR(S): Hunter, William L.
PATENT ASSIGNEE(S): Angiotech Pharmaceuticals, Inc., Can.
SOURCE: U.S., 180 pp., Cont.-in-part of U.S. Appl. 2002 37,919.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|----------|
| US 6495579 | B1 | 20021217 | US 1998-88546 | 19980601 |
| US 20020037919 | A1 | 20020328 | US 1997-980549 | 19971201 |
| US 6515016 | B2 | 20030204 | | |
| CA 2607067 | A1 | 19980611 | CA 1997-2607067 | 19971202 |
| EP 1070502 | A2 | 20010124 | EP 2000-123557 | 19971202 |
| EP 1070502 | A3 | 20011017 | | |
| EP 1070502 | B1 | 20030604 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| EP 1090637 | A2 | 20010411 | EP 2000-123537 | 19971202 |
| EP 1090637 | A3 | 20010912 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| EP 1092433 | A2 | 20010418 | EP 2000-123534 | 19971202 |
| EP 1092433 | A3 | 20010912 | | |
| EP 1092433 | B1 | 20030806 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| JP 2002226399 | A | 20020814 | JP 2001-401899 | 19971202 |
| EP 1582210 | A2 | 20051005 | EP 2005-11601 | 19971202 |
| EP 1582210 | A3 | 20051012 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| CN 1679937 | A | 20051012 | CN 2005-10054770 | 19971202 |
| CN 101011576 | A | 20070808 | CN 2006-10099927 | 19971202 |

CN 101195028 A 20080611 CN 2006-10099895 19971202
 WO 9962510 A2 19991209 WO 1999-CA464 19990601
 W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
 DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE,
 KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,
 MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
 TT, UA, UG, US, UZ, VN, YU, ZA, ZW
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
 ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 US 20020013298 A1 20020131 US 1999-368463 19990804
 US 20020183380 A1 20021205 US 2002-67467 20020205
 US 6689803 B2 20040210
 US 20030157187 A1 20030821 US 2002-172737 20020613
 US 20050249770 A1 20051110 US 2005-102587 20050408
 AU 2006220416 A1 20061026 AU 2006-220416 20060920
 AU 2006220416 B2 20090205
 US 20080113035 A1 20080515 US 2007-891651 20070810
 US 20080153900 A1 20080626 US 2007-891661 20070810
 PRIORITY APPLN. INFO.:
 US 1996-32215P P 19961202
 US 1997-63087P P 19971024
 US 1997-980549 A2 19971201
 CA 1997-2273240 A3 19971202
 CN 1997-181581 A3 19971202
 CN 2005-10054770 A3 19971202
 EP 1997-945697 A3 19971202
 EP 2000-123537 A3 19971202
 JP 1998-524997 A3 19971202
 US 1998-88546 A 19980601
 US 1999-368463 B1 19990804
 US 1999-368871 A1 19990804
 US 2002-172737 B1 20020613
 AU 2004-200715 A3 20040220
 US 2005-102587 B1 20050408
 AB Methods and compns. for treating or preventing inflammatory diseases, e.g.
 psoriasis or multiple sclerosis, are provided, comprising delivering to
 the site of inflammation an anti-microtubule agent (e.g. paclitaxel), or
 analog or derivative thereof.
 REFERENCE COUNT: 171 THERE ARE 171 CITED REFERENCES AVAILABLE FOR
 THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT
 L4 ANSWER 24 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2002:39555 CAPLUS
 DOCUMENT NUMBER: 136:107223
 TITLE: Cleansing articles for skin and/or hair
 INVENTOR(S): Albacarys, Lourdes Dessus; Mcatee, David Michael;
 Deckner, George Endel
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: U.S., 32 pp., Cont.-in-part of U.S. Ser. No. 65,991,
 abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 8
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 6338855 | B1 | 20020115 | US 1999-296334 | 19990422 |
| PRIORITY APPLN. INFO.: | | | US 1996-738145 | B2 19961025 |
| | | | US 1996-738668 | B1 19961025 |

US 1997-974033 B2 19971119
 US 1998-65991 B2 19980424
 US 1998-83015P P 19980424

AB The present invention relates to a substantially dry, disposable, personal cleansing article useful for both cleansing the skin or hair and delivering skin care actives onto the skin or hair. These articles are used by the consumer by wetting the dry article with water and generating lather by subjecting the wetted article to mech. forces, e.g., rubbing. The article comprises a water insol. substrate, a lathering surfactant, and a skin care active component. Preferably, the articles of the present invention further comprise a deposition aid and/or a conditioning component. The following ingredients containing PEG 0.5 and water qs to 100%. To the above mixture was added disodium EDTA 0.10, sodium lauroyl sarcosinate 3.33, cocamidopropyl betaine 3.33, decyl polyglucoside 3.33, methylparaben 0.25, phenoxyethanol 0.3, and benzyl alc. 0.3%. The following components water 2.0, butylene glycol 2.0, and propylparaben 0.15% were added to the above surfactant mixture. A skin-care active composition containing sucrose esters with cotton fatty acids 48.00, sucrose ester with behenic acid 12.00, petrolatum 10.00, tribehenin 5.00, and C10-30 cholesterol/lanosterol esters 18.00% and was added to the surfactant mixture.

REFERENCE COUNT: 95 THERE ARE 95 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:63453 CAPLUS

DOCUMENT NUMBER: 136:123645

TITLE: Topical pharmaceutical patch compositions containing nonsteroidal antiinflammatory agents

INVENTOR(S): Seitai, Yang Poy; Cho, Seimin

PATENT ASSIGNEE(S): Sang-A Pharmaceutical Co., Ltd., S. Korea

SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| ----- | --- | ----- | ----- | ----- |
| JP 2002020274 | A | 20020123 | JP 2000-175244 | 20000612 |
| PRIORITY APPLN. INFO.: | | | JP 2000-175244 | 20000612 |

AB The invention relates to a topical pharmaceutical patch composition containing a

nonsteroidal antiinflammatory agent as an active ingredient, having excellent drug-releasing, transdermal absorption, and skin adhesive properties without causing skin irritation, wherein the composition contains nonsteroidal antiinflammatory agent 0.01-2, alkyl pyrrolidone 0.5-10, hydrophilic polyether 1-15, hydrophilic nonionic surfactant 0.01-5, carboxyl group-containing water-soluble polymer or its salt 2-15, water-soluble vinyl polymer 0.1-10, water-insol. polyvalent metal salt 0.01-10, polyalc. 5-50 %, organic hydroxyacid, and water. A plaster-type patch was prepared from ketoprofen 0.3, polysorbate 80 0.5, Me pyrrolidone 3, polyethylene glycol 10, sodium CM-cellulose 4, sodium polyacrylate 6, vinylpyrrolidone-vinyl acetate copolymer 4, dried aluminum hydroxide gel 0.2, Me paraben 0.1, EDTA-2Na 0.5, tartaric acid 2.2, glycerin 28, and water q.s. to 100 %.

L4 ANSWER 26 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:265288 CAPLUS

DOCUMENT NUMBER: 134:300844

TITLE: Hybrid matrices and hybrid matrix mixtures for

INVENTOR(S): delivering a polypeptide to an animal
Mineau-Hanschke, Rochelle; Lamsa, Justin Chace;
Abalos-Coyle, Deborah
PATENT ASSIGNEE(S): Transkaryotic Therapies, Inc., USA
SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|--|-----------------|-------------|
| WO 2001024842 | A2 | 20010412 | WO 2000-US27362 | 20001004 |
| WO 2001024842 | A3 | 20010830 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, YU, ZA, ZW | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| US 6419920 | B1 | 20020716 | US 1999-413715 | 19991005 |
| CA 2379971 | A1 | 20010412 | CA 2000-2379971 | 20001004 |
| AU 2000078545 | A | 20010510 | AU 2000-78545 | 20001004 |
| AU 777833 | B2 | 20041104 | | |
| BR 2000014503 | A | 20020611 | BR 2000-14503 | 20001004 |
| EP 1221937 | A2 | 20020717 | EP 2000-968669 | 20001004 |
| EP 1221937 | B1 | 20041215 | | |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | |
| JP 2003511100 | T | 20030325 | JP 2001-527841 | 20001004 |
| NZ 518759 | A | 20041029 | NZ 2000-518759 | 20001004 |
| AT 284674 | T | 20050115 | AT 2000-968669 | 20001004 |
| IL 148962 | A | 20080708 | IL 2000-148962 | 20001004 |
| IN 2002MN00098 | A | 20060915 | IN 2002-MN98 | 20020125 |
| MX 2002001450 | A | 20020830 | MX 2002-1450 | 20020211 |
| HK 1047240 | A1 | 20050624 | HK 2002-108845 | 20021205 |
| PRIORITY APPLN. INFO.: | | | US 1999-413715 | A1 19991005 |
| | | | US 2000-662037 | A1 20000914 |
| | | | US 1995-548002 | A3 19951025 |
| | | | US 1999-312246 | A2 19990514 |
| | | | WO 2000-US27362 | W 20001004 |
| AB | A composition having a body of matrix material made up of insol. collagen fibrils, and disposed there within: (a) a plurality of vertebrate cells; (b) a plurality of microcarriers; and (c) an agent such as a factor that promotes vascularization, a cytokine, a growth factor, or ascorbic acid. The invention also features a method of delivering a polypeptide to an animal. The method involves introducing into the animal a fluid mixture containing: (a) a population of cultured vertebrate cells genetically engineered to express the polypeptide; and (b) a plurality of microcarriers. Heparin-sepharose hybrid collagen matrices were prepared. The heparin-sepharose beads were coated with bFGF (50 µg/mL packed beads). The beads containing human foreskin fibroblast clone expressing hFVIII at level between 20,000-30,000 mU/24h/106 cells were s.c. implanted into mice. The amount of hFVIII production was significantly higher than uncoated matrices. | | | |
| REFERENCE COUNT: | 2 | THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT | | |

L4 ANSWER 27 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:906235 CAPLUS

DOCUMENT NUMBER: 136:25166

TITLE: Method for composite cell-based implants using mineral or polymeric microcarriers

INVENTOR(S): Frondoza, Carmelita G.; Hungerford, David S.; Shikani, Alan H.; Domb, Abraham J.; Fink, David J.; Bloom, Leonard

PATENT ASSIGNEE(S): Chondros, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 13 pp., Cont.-in-part of U. S. Ser. No. 825,632.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 20010051834 | A1 | 20011213 | US 2001-922909 | 20010806 |
| US 20010014475 | A1 | 20010816 | US 2001-825632 | 20010404 |
| US 20020012705 | A1 | 20020131 | US 2001-929697 | 20010814 |
| US 6514522 | B2 | 20030204 | | |
| US 20020123142 | A1 | 20020905 | US 2002-397718 | 20020103 |
| US 20020133235 | A1 | 20020919 | US 2002-66992 | 20020204 |
| US 20040117033 | A1 | 20040617 | US 2003-731366 | 20031209 |
| PRIORITY APPLN. INFO.: | | | US 1998-81016P | P 19980408 |
| | | | US 1998-104842P | P 19981020 |
| | | | US 1999-275319 | A2 19990324 |
| | | | US 2000-712662 | A2 20001114 |
| | | | US 2001-825632 | A2 20010404 |
| | | | US 1999-165608P | P 19991115 |
| | | | US 2000-228855P | P 20000829 |
| | | | US 2001-922909 | A3 20010806 |

AB This invention is a method for the implantation of a combination of cells or cell-microcarrier aggregates wherein one component comprises a solid implantable construct and a second component comprises an injectable formulation. For example, in one embodiment, the solid implant may be first implanted to fill the majority of the cavity receiving the implant, and then cells or cell-microcarrier aggregates in an injectable format, with or without the addition of gelling materials to promote rapid gelling in situ, may be injected into spaces surrounding the solid implant in order to secure the solid implant in the site and/or to promote rapid adherence and/or integration of the solid implant to surrounding tissues. Also contemplated in this embodiment is that the cellular composition of the injectable component may differ from that of the solid component. For example, the solid implant may result from the culturing of chondrocytes on microcarriers or scaffolds, e.g., calcium carbonate, calcium phosphate or calcium sulfate, biopolymers, or synthetic polymers such as polylactic acid, polyglycolic or their copolymers, thereby resulting in an implant having cartilage-like properties, whereas the injectable cells or aggregates may result from the culturing of stem cells, resulting thereby in cells capable of producing cells of a chondrogenic, fibroblastic, myoblastic or osteoblastic phenotype. In this example, cells in the injectable aggregates may promote the fixation to or rapid integration of the solid cartilage implant into surrounding cartilage, connective tissue, muscle or bone, resp. A method of treating a skin lesion or nose or ear defects comprises filling the lesion or defect with a solid cell-containing implant along with an injectable cell-containing formulation.

L4 ANSWER 28 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:297284 CAPLUS

DOCUMENT NUMBER: 130:329018
 TITLE: Cleansing and conditioning article for skin or hair having improved fragrance delivery
 INVENTOR(S): Hasenoehr, Erik John; Gottlieb, Emily Elizabeth
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: PCT Int. Appl., 92 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 9921532 | A1 | 19990506 | WO 1998-US22212 | 19981020 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW | | | | |
| RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2308005 | A1 | 19990506 | CA 1998-2308005 | 19981020 |
| CA 2308005 | C | 20060103 | | |
| AU 9911079 | A | 19990517 | AU 1999-11079 | 19981020 |
| AU 735322 | B2 | 20010705 | | |
| EP 1024785 | A1 | 20000809 | EP 1998-953803 | 19981020 |
| EP 1024785 | B1 | 20030115 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI | | | | |
| BR 9815215 | A | 20001017 | BR 1998-15215 | 19981020 |
| JP 2001520983 | T | 20011106 | JP 2000-517692 | 19981020 |
| AT 230976 | T | 20030215 | AT 1998-953803 | 19981020 |
| ES 2191349 | T3 | 20030901 | ES 1998-953803 | 19981020 |
| CN 1149070 | C | 20040512 | CN 1998-811617 | 19981020 |
| MX 2000004009 | A | 20001130 | MX 2000-4009 | 20000425 |
| PRIORITY APPLN. INFO.: | | | US 1997-957174 | A 19971024 |
| | | | WO 1998-US22212 | W 19981020 |

AB The present invention relates to a substantially dry, disposable, personal cleansing product useful for both cleansing and conditioning the skin/hair and providing improved fragrance delivery. These articles are used by the consumer by wetting the dry article with water. The article comprises a water-insol. substrate, a lathering surfactant, and a fragrance-releasing complex. Preferably, the articles of the present invention further comprise a conditioning component. Use of the substrate enhances lathering at low surfactant levels, increases cleansing and exfoliation, optimizes delivery and deposition of conditioning ingredients, and provides desirable characteristics such as texture, thickness and bulk. As a result, this invention provides effective cleansing using low, and hence less irritating, levels of surfactant while providing superior conditioning benefits by using a substrate having desirable characteristics. The invention also encompasses products further comprising a coating material for encapsulating the fragrance-releasing complex. The invention also encompasses products comprising various active ingredients for delivery to the skin or hair. The invention also encompasses methods for manufacturing these products.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 29 OF 29 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1995:227389 CAPLUS

DOCUMENT NUMBER: 122:17231
ORIGINAL REFERENCE NO.: 122:3405a,3408a
TITLE: Injection of liposomes for treatment of inflamed tissues
INVENTOR(S): Woodle, Martin C.; Martin, Francis J.; Huang, Shi K.
PATENT ASSIGNEE(S): Liposome Technology, Inc., USA
SOURCE: U.S., 36 pp. Cont.-in-part of U.S. Ser. No. 5,213,804.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| US 5356633 | A | 19941018 | US 1992-958100 | 19921007 |
| US 5013556 | A | 19910507 | US 1989-425224 | 19891020 |
| AU 9066374 | A | 19910516 | AU 1990-66374 | 19901019 |
| AU 642679 | B2 | 19931028 | | |
| EP 496813 | A1 | 19920805 | EP 1990-916409 | 19901019 |
| EP 496813 | B1 | 19941214 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE | | | | |
| JP 05505173 | T | 19930805 | JP 1990-515238 | 19901019 |
| JP 3571335 | B2 | 20040929 | | |
| US 5213804 | A | 19930525 | US 1991-642321 | 19910115 |
| NO 9201213 | A | 19920604 | NO 1992-1213 | 19920327 |
| KR 134982 | B1 | 19980422 | KR 1992-700918 | 19920420 |
| FI 9201763 | A | 19920421 | FI 1992-1763 | 19920421 |
| WO 9407466 | A1 | 19940414 | WO 1993-US9572 | 19931007 |
| W: AU, CA, JP | | | | |
| RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| AU 9453231 | A | 19940426 | AU 1994-53231 | 19931007 |
| EP 662820 | A1 | 19950719 | EP 1993-923295 | 19931007 |
| EP 662820 | B1 | 19970507 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE | | | | |
| AT 152614 | T | 19970515 | AT 1993-923295 | 19931007 |
| ES 2104184 | T3 | 19971001 | ES 1993-923295 | 19931007 |
| CA 2146565 | C | 19981020 | CA 1993-2146565 | 19931007 |
| JP 10001431 | A | 19980106 | JP 1997-63661 | 19970317 |
| JP 2889549 | B2 | 19990510 | | |
| JP 2001181214 | A | 20010703 | JP 2001-4291 | 20010111 |
| JP 3921050 | B2 | 20070530 | | |

PRIORITY APPLN. INFO.:
US 1989-425224 A2 19891020
US 1991-642321 A2 19910115
JP 1990-515238 A3 19901019
JP 1991-501034 A3 19901019
WO 1990-US6034 A 19901019
US 1992-958100 A 19921007
WO 1993-US9572 W 19931007

AB A liposomal composition for concentrating a therapeutic agent in an inflamed dermal

region is disclosed. The liposomes contain the therapeutic agent in an entrapped form and are composed of vesicle-forming lipids derivatized with hydrophilic biocompatible polymers. After i.v. administration, the liposomes are taken up by the inflamed region within 24-48 h, for site-specific release of entrapped compound into the inflamed region. For example, a lipid mixture containing PEG-distearoyl phosphatidylethanolamine conjugate, cholesterol sulfate, cholesterol, beclomethasone dipropionate was dissolved in MeOH/CHCl₃ mixture, lyophilized, and sonicated to prepare multilamellar vesicles. A suspension of the vesicles was extruded to produce liposomes in the size of 0.07-0.2 μ m in diameter

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS

=>

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| NEWS | 3 | NOV 26 | MARPAT enhanced with FSORT command |
| NEWS | 4 | NOV 26 | CHEMSAFE now available on STN Easy |
| NEWS | 5 | NOV 26 | Two new SET commands increase convenience of STN searching |
| NEWS | 6 | DEC 01 | ChemPort single article sales feature unavailable |
| NEWS | 7 | DEC 12 | GBFULL now offers single source for full-text coverage of complete UK patent families |
| NEWS | 8 | DEC 17 | Fifty-one pharmaceutical ingredients added to PS |
| NEWS | 9 | JAN 06 | The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo |
| NEWS | 10 | JAN 07 | WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data |
| NEWS | 11 | FEB 02 | Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE |
| NEWS | 12 | FEB 02 | GENBANK enhanced with SET PLURALS and SET SPELLING |
| NEWS | 13 | FEB 06 | Patent sequence location (PSL) data added to USGENE |
| NEWS | 14 | FEB 10 | COMPENDEX reloaded and enhanced |
| NEWS | 15 | FEB 11 | WTEXTILES reloaded and enhanced |
| NEWS | 16 | FEB 19 | New patent-examiner citations in 300,000 CA/CAPLUS patent records provide insights into related prior art |
| NEWS | 17 | FEB 19 | Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01 |
| NEWS | 18 | FEB 23 | Several formats for image display and print options discontinued in USPATFULL and USPAT2 |
| NEWS | 19 | FEB 23 | MEDLINE now offers more precise author group fields and 2009 MeSH terms |
| NEWS | 20 | FEB 23 | TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms |
| NEWS | 21 | FEB 23 | Three million new patent records blast AEROSPACE into STN patent clusters |
| NEWS | 22 | FEB 25 | USGENE enhanced with patent family and legal status display data from INPADOCDB |
| NEWS | 23 | MAR 06 | INPADOCDB and INPAFAMDB enhanced with new display formats |
| NEWS | 24 | MAR 11 | EPFULL backfile enhanced with additional full-text applications and grants |
| NEWS | 25 | MAR 11 | ESBIOBASE reloaded and enhanced |
| NEWS | 26 | MAR 20 | CAS databases on STN enhanced with new super role |

for nanomaterial substances
 NEWS 27 MAR 23 CA/CAPLUS enhanced with more than 250,000 patent
 equivalents from China
 NEWS 28 MAR 30 IMSPATENTS reloaded and enhanced
 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
 AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.
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FILE 'HOME' ENTERED AT 14:59:31 ON 30 MAR 2009

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FILE 'CAPLUS' ENTERED AT 14:59:41 ON 30 MAR 2009
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FILE 'MEDLINE' ENTERED AT 14:59:41 ON 30 MAR 2009

=> s glycolic acid and polyethylene glycol and peel?
 L1 13 GLYCOLIC ACID AND POLYETHYLENE GLYCOL AND PEEL?

=> d l1 ibib abs 1-13

L1 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2009:138982 CAPLUS
 DOCUMENT NUMBER: 150:199360
 TITLE: Compositions and methods for dermally treating
 neuropathy with minoxidil
 INVENTOR(S): Sanjay, Sharma; Zhang, Jie; Warner, Kevin S.
 PATENT ASSIGNEE(S): Zars Pharma, Inc., USA
 SOURCE: PCT Int. Appl., 48pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 19
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2009017767 | A2 | 20090205 | WO 2008-US9222 | 20080730 |
| W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, | | | | |
| CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, | | | | |

FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,
 KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
 ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,
 PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ,
 TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
 IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
 TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
 AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

US 20080019927 A1 20080124 US 2007-888905 20070801
 PRIORITY APPLN. INFO.: US 2007-888905 A 20070801
 US 2004-577536P P 20040607
 US 2005-146917 A2 20050606
 US 2005-750519P P 20051214
 US 2005-750637P P 20051214
 US 2006-640135 A2 20061214
 US 2006-640139 A2 20061214

AB The present invention is drawn to adhesive solidifying formulations containing minoxidil that can be used for treating neuropathies including diabetic neuropathy. The formulation can include an amount of minoxidil, a solvent vehicle, and a solidifying agent. The solvent vehicle can include a volatile solvent system including at least one volatile solvent, and a non-volatile solvent system including at least one non-volatile solvent capable of facilitating the delivery of the minoxidil at therapeutically effective rates over a sustained period of time. The formulation can have a viscosity suitable for application to a skin surface prior to evaporation of the volatile solvents system. When applied to the skin, the formulation can form a solidified layer after at least a portion of the volatile solvent system is evaporated. Thus, a solidifying formulation for treating diabetic neuropathy and the associated neuropathic pain was prepared containing minoxidil 5, polyvinyl alc. 22.2, propylene glycol 22.2, ethanol 4.4, 5M HCl solution 1.8, and water 44.4%, resp. A solidified peel formulation was formed when the composition obtained was spread on a silicone-coated polyester release liner and the solidified peel was stretchable by 5% in one direction without cracking or splitting.

L1 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1377087 CAPLUS
 DOCUMENT NUMBER: 149:563462
 TITLE: Pharmaceutical controlled-release capsule with osmotic pump
 INVENTOR(S): Fu, Hongxing; Cao, Gaozhong; Wu, Mingchai; Huang, Peng; Zhou, Bitao; Pan, Rong; Zhao, Yingzheng; Yang, Wei; Li, Jianbo; Li, Xing; Wang, Yi
 PATENT ASSIGNEE(S): Wenzhou Medical College, Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 13pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|------------------|----------|
| CN 101301281 | A | 20081112 | CN 2008-10062288 | 20080612 |
| PRIORITY APPLN. INFO.: | | | CN 2008-10062288 | 20080612 |

AB The invention relates to an osmotic pump controlled-release capsule shell, which is composed of cap and shell body with pores (diameter 0.01-5 mm) for releasing drug. The materials of capsule shell contain controlled-release material 10-99.96, pore-forming agent 0.02-20, plasticizing agent 0.02-70 and other adjuvant proper amount. The controlled-release material is one or

more of Et cellulose, cellulose acetate, acrylic resin, polyethylene, polypropylene, polylactic acid, etc. The pore-forming agent is one or more of sodium chloride, potassium chloride, citric acid, sodium citrate, lactose, mannitol, etc. The plasticizing agent is one or more of glycerol, propanediol, PEG, tri-Et citrate, glycerol diacetate, etc. The method for preparing the capsule shell comprises dissolving materials in solvent, preparing preform by adhesive-dipping method, drying, preparing pores on the shell by laser, mech. or other methods, sealing the pores with water-soluble material, peeling, cutting and postprocessing.

L1 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:253740 CAPLUS
DOCUMENT NUMBER: 148:268985
TITLE: Skin peeling method using surface-active agents and acids
INVENTOR(S): Aubrun-Sonneville, Odile; Rathman Josserand, Michelle
PATENT ASSIGNEE(S): L'Oreal, Fr.
SOURCE: Eur. Pat. Appl., 16pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| EP 1891928 | A1 | 20080227 | EP 2007-112735 | 20070719 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU | | | | |
| FR 2905066 | A1 | 20080229 | FR 2006-53429 | 20060823 |
| FR 2905066 | B1 | 20081031 | | |
| US 20080051461 | A1 | 20080228 | US 2007-842342 | 20070821 |
| JP 2008050358 | A | 20080306 | JP 2007-216411 | 20070822 |
| PRIORITY APPLN. INFO.: | | | FR 2006-53429 | A 20060823 |
| | | | US 2006-840957P | P 20060830 |

OTHER SOURCE(S): MARPAT 148:268985

AB A method of peeling skin comprises (a) topical application of a composition comprising (i) at least a hydroxy acid chosen from α -hydroxyacids, β -hydroxyacids α -keto-acids, β -keto-acids, and their mixture, (ii) at least 5% of a surfactant containing an alkyl chain having 6-16 carbon atom, (b) applying the composition on the skin, (c) and eventually washing off the composition from the skin. A skin peeling composition contained PEG-6-capric/caprylic glyceride 13, glycolic acid 20, and water q.s. 100%.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:1470320 CAPLUS
DOCUMENT NUMBER: 148:77731
TITLE: Pullulan films and their use in edible packaging
INVENTOR(S): Shen, Shiji; Hoffman, Andrew J.; Harrison, Michael D.; Butler, Susan E.; Criswell, Erin S.; Patton, Penelope A.
PATENT ASSIGNEE(S): Tate & Lyle Ingredients Americas, Inc., USA
SOURCE: PCT Int. Appl., 60pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|---|----------|-----------------|------------|
| WO 2007149276 | A2 | 20071227 | WO 2007-US13841 | 20070613 |
| WO 2007149276 | A3 | 20080403 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | |
| RW: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | |
| US 20070292481 | A1 | 20071220 | US 2006-424586 | 20060616 |
| US 20080152761 | A1 | 20080626 | US 2006-613365 | 20061220 |
| AU 2007261567 | A1 | 20071227 | AU 2007-261567 | 20070613 |
| EP 2037752 | A2 | 20090325 | EP 2007-777471 | 20070613 |
| R: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | |
| IN 2008DN10208 | A | 20090320 | IN 2008-DN10208 | 20081210 |
| PRIORITY APPLN. INFO.: | | | US 2006-424586 | A 20060616 |
| | | | US 2006-613365 | A 20061220 |
| | | | US 2007-910729P | P 20070409 |
| | | | US 2007-912275P | P 20070417 |
| | | | WO 2007-US13841 | W 20070613 |
| AB | An edible article comprises a food product and a pullulan film that encloses the food product. The film may comprise a major amount of pullulan on a dry-solids basis, and a minor amount of at least two of glycerol, propylene glycol, sorbitol, and polyethylene glycol. Alternatively, the film may comprise a major amount of pullulan on a dry-solids basis, gelatin, and at least two of glycerol, propylene glycol, sorbitol, and polyethylene glycol, and may also comprise salt. The film may also comprise a first layer comprising a major amount of at least one food grade wax, a second layer comprising a major amount of pullulan and further comprise at least one plasticizer, and a third layer comprising at least one surfactant that is immiscible with aqueous pullulan compns. but which adheres to pullulan surfaces, wherein the surfactant is at least partially crystalline. The film may also comprise a major amount of pullulan on a dry-solids basis, at least one salt (and in some cases at least two salts), and at least one plasticizer. The film may comprise an edible film adhered to a peelable, flexible substrate, wherein the edible film comprises a major amount of pullulan on a dry-solids basis and at least one plasticizer. The edible article can be manufactured by preparing a film-forming composition, forming the film-forming composition into a film, and enclosing a food product with the film. | | | |
| L1 | ANSWER 5 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN | | | |
| ACCESSION NUMBER: | 2007:993749 CAPLUS | | | |
| DOCUMENT NUMBER: | 147:330433 | | | |
| TITLE: | Composition and method for topical treatment of tar-responsive dermatological disorders | | | |
| INVENTOR(S): | Yu, Ruey J.; Van Scott, Eugene J.; Lee, Yaling | | | |
| PATENT ASSIGNEE(S): | Tristrata, Inc., USA | | | |
| SOURCE: | U.S. Pat. Appl. Publ., 15pp. | | | |
| | CODEN: USXXCO | | | |

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|------|----------|-----------------|----------|
| US 20070207222 | A1 | 20070906 | US 2007-680227 | 20070228 |
| AU 2007223560 | A1 | 20070913 | AU 2007-223560 | 20070228 |
| AU 2007223560 | A2 | 20081016 | | |
| CA 2644311 | A1 | 20070913 | CA 2007-2644311 | 20070228 |
| WO 2007103687 | A2 | 20070913 | WO 2007-US62975 | 20070228 |
| WO 2007103687 | A3 | 20081211 | | |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

EP 1998788 A2 20081210 EP 2007-757636 20070228

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS

PRIORITY APPLN. INFO.: US 2006-778128P P 20060301
 WO 2007-US62975 W 20070228

AB The present invention relates to a composition including a wax and a therapeutically effective amount of tar for topical treatment of a tar-responsive dermatol. disorder, the composition being in liquid or light gel form when at a temperature selected from room temperature and a temperature of skin of a mammal upon application of the composition to the skin of the mammal. The invention also relates to a method of treating a tar-responsive dermatol. disorder by topically applying the composition to skin of a mammal, preferably a human, that is affected by the disorder. Thus, a fast-drying liquid tar composition was formulated containing coal tar solution 15 g, ethanol 42 g, propylene glycol 5 g, cyclomethicone (DC 345) 15 g, tri-Et citrate 5 g, Brij 93 10 g, liquid wax DIADD (dioctyldodecyl dodecanedioate) 5 g, and an optional fragrance 3 g. Topical application of the composition for 4 mo to a human subject having plaque psoriasis resulted in 90% improvement of clin. signs of disorder.

L1 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 2007:670139 CAPLUS

DOCUMENT NUMBER: 147:79575

TITLE: Compositions comprising drugs, a solvent vehicle, and a solidifying agent for dermally treating pain

INVENTOR(S): Zhang, Jie; Warner, Kevin S.; Sharma, Sanjay

PATENT ASSIGNEE(S): Zars, Inc., USA

SOURCE: PCT Int. Appl., 84pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 19

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|------------------|------------|
| WO 2007070679 | A2 | 20070621 | WO 2006-US47926 | 20061214 |
| WO 2007070679 | A3 | 20090108 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | |
| RW: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | |
| AU 2006326018 | A1 | 20070621 | AU 2006-326018 | 20061214 |
| CA 2633515 | A1 | 20070621 | CA 2006-2633515 | 20061214 |
| AU 2006339350 | A1 | 20070907 | AU 2006-339350 | 20061214 |
| CA 2633464 | A1 | 20070907 | CA 2006-2633464 | 20061214 |
| EP 1959931 | A2 | 20080827 | EP 2006-848632 | 20061214 |
| R: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | |
| EP 1968541 | A2 | 20080917 | EP 2006-849969 | 20061214 |
| R: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | |
| IN 2008MN01481 | A | 20081010 | IN 2008-MN1481 | 20080714 |
| IN 2008MN01485 | A | 20081017 | IN 2008-MN1485 | 20080714 |
| CN 101370453 | A | 20090218 | CN 2006-80052642 | 20080811 |
| PRIORITY APPLN. INFO.: | | | US 2005-750519P | P 20051214 |
| | | | US 2005-750637P | P 20051214 |
| | | | US 2005-750683P | P 20051214 |
| | | | US 2005-750521P | P 20051214 |
| | | | WO 2006-US47926 | W 20061214 |
| | | | WO 2006-US48059 | W 20061214 |

AB The present invention is drawn to solidifying formulations for dermal delivery of a drug for treating pain, such as musculoskeletal pain, inflammation, joint pain, or neuropathic pain. The formulation can include a drug selected from certain drug classes, a solvent vehicle, and a solidifying agent. The solvent vehicle can include a volatile solvent system comprising at least one volatile solvent, and a non-volatile solvent system comprising at least one non-volatile solvent, wherein the evaporation of at least some of the volatile solvent converts the formulation on the skin into a solidified layer and the non-volatile solvent system is capable of facilitating the topical delivery of the drug(s) at therapeutically effective rates over a sustained period of time. Using hairless mouse skin permeation expts., a formulation of ropivacaine, the non-volatile solvents glycerol and Tween 20 had low steady state flux values and would not be considered "flux-enabling", but mineral oil and isostearic acid are flux-enabling solvents and are good candidates for evaluation with solidifying agents and volatile solvents to design an acceptable peel formulation.

L1 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:1289826 CAPLUS

DOCUMENT NUMBER: 146:107484

TITLE: Chinese medicinal composition of sustained release microsphere injection for restoring healthy energy and preparation methods thereof

INVENTOR(S): Zheng, Yongfeng; Fan, Lijun

PATENT ASSIGNEE(S): Tianjin Tasly Pharmaceutical Co., Ltd., Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 8pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|------------------|----------|
| CN 1872262 | A | 20061206 | CN 2005-10013674 | 20050603 |
| PRIORITY APPLN. INFO.: | | | CN 2005-10013674 | 20050603 |

AB The title microspheres for injection are prepared from (wt%) Chinese medicinal extract 0.2-50, and one or more biodegradable polymers as medicinal adjuvants 50-99.8, wherein the polymers (such as lactide-glycolide copolymer, polylactic acid, and polyglycolic acid) have mol. weight of 5,000-1,000,000 Dalton. The Chinese medicinal extract is prepared from a composition developed on the base of known Huoxiangzhengqi Powder and comprising Rhizoma Atractylodis (Atractylodes lancea and/or Atractylodes chinensis) 80-240 g, Citrus reticulata (Pericarpium Citri Reticulatae) 80-240 g, Magnolia officinalis 80-240 g, Angelica dahurica 120-360 g, Poria cocos 120-360 g, Areca catechu peel 120-360 g, Pinellia ternate 80-240 g, Radix Glycyrrhizae extract 10-30 g, Pogostemon cablin oil 0.8-2.4 mL, and oil of Perilla frutescens leaf 0.4-2.0 mL. The inventive microspheres for injection have the advantages of controlled release and high bioavailability.

L1 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:1282494 CAPLUS
 DOCUMENT NUMBER: 144:40380
 TITLE: Alcohol-based hand sanitizing composition
 INVENTOR(S): Brown, James Steven
 PATENT ASSIGNEE(S): James Steven Brown, USA
 SOURCE: Brit. UK Pat. Appl., 53 pp.
 CODEN: BAXXDU
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|------|----------|-----------------|----------|
| GB 2414666 | A | 20051207 | GB 2004-12329 | 20040603 |
| GB 2414666 | B | 20090107 | | |
| GB 2452189 | A | 20090225 | GB 2008-21820 | 20040603 |
| US 20050271595 | A1 | 20051208 | US 2005-102017 | 20050409 |
| AU 2005327300 | A1 | 20060817 | AU 2005-327300 | 20050601 |
| CA 2568888 | A1 | 20060817 | CA 2005-2568888 | 20050601 |
| WO 2006085907 | A2 | 20060817 | WO 2005-US18992 | 20050601 |
| WO 2006085907 | A3 | 20061005 | | |

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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG,

KZ, MD, RU, TJ, TM
 EP 1765260 A2 20070328 EP 2005-856772 20050601
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA,
 HR, LV, MK, YU
 JP 2008508189 T 20080321 JP 2007-515471 20050601
 PRIORITY APPLN. INFO.: GB 2004-12329 A3 20040603
 US 2005-102017 A 20050409
 WO 2005-US18992 W 20050601

AB The invention provides a sanitizing composition in the form of a viscous liquid or gel suitable for use as a handwashing composition comprising alc., water and a thickener wherein the viscous liquid or gel has particles suspended therein, wherein said particles provide the composition with a granular texture and are capable of being worn away when rubbed. The particles may deliver one or more agents to the skin, e.g. antimicrobial, antibacterial or antiviral agents, emollients and/or moisturizers, fragrances, colorings or UV markers. For example, a composition contained ethanol 62.0%, Carbopol ETD 2020 thickener 0.3%, diisopropanolamine 0.01%, disodium EDTA 0.01%, suspended particles Florasomes MXS Blue with fragrance and Fluorescent Brightener 236 0.5% and Florasomes MXS with triclosan 0.8%, and water to 100%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2004:979539 CAPLUS
 DOCUMENT NUMBER: 143:134879
 TITLE: Effect of chemical structure of urethane acrylate on adhesion promotion of waterborne primer for ethylene-vinyl acetate copolymer foam
 AUTHOR(S): Jeong, Han Mo; Yoon, Ku Sik; Park, Sung Jin; Kwon, Gun Ho; Kim, Yong Sung
 CORPORATE SOURCE: Department of Chemistry, University of Ulsan, Ulsan, 680-749, S. Korea
 SOURCE: Kongop Hwahak (2004), 15(6), 689-692
 CODEN: KOHWE9; ISSN: 1225-0112
 PUBLISHER: Korean Society of Industrial and Engineering Chemistry
 DOCUMENT TYPE: Journal
 LANGUAGE: Korean
 AB Effect of chemical structure of urethane acrylate on the adhesion promotion of waterborne UV-cure primer for ethylene vinyl acetate copolymer foam was studied. The urethane acrylate with higher hydrophobicity showed better adhesion promotion, which was achieved by increasing the content of soft segment and by lowering ionic content. When polycaprolactone diol type was used for soft segment, the improvement of adhesion was superior to the case of polybutylene adipate. With regard to the effect of ionic type, cationic urethane acrylate showed better adhesion promotion compared with anionic urethane acrylate.

L1 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2004:681176 CAPLUS
 DOCUMENT NUMBER: 141:195302
 TITLE: Skin peeling composition containing salicylic acid derivatives
 INVENTOR(S): Hansenne, Isabelle; Fares, Hani; Cornell, Marc; Foltis, Sidney P.
 PATENT ASSIGNEE(S): L'Oreal S.A., Fr.
 SOURCE: U.S. Pat. Appl. Publ., 8 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| US 20040161392 | A1 | 20040819 | US 2003-367952 | 20030219 |
| WO 2004073605 | A2 | 20040902 | WO 2004-US1527 | 20040120 |
| WO 2004073605 | A3 | 20050707 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP 1601339 | A2 | 20051207 | EP 2004-703693 | 20040120 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2004007227 | A | 20060131 | BR 2004-7227 | 20040120 |
| JP 2006518340 | T | 20060810 | JP 2005-518836 | 20040120 |
| US 20080146529 | A1 | 20080619 | US 2008-10897 | 20080131 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 2003-367952 | A 20030219 |
| | | | WO 2004-US1527 | W 20040120 |

OTHER SOURCE(S): MARPAT 141:195302

AB The present invention relates to methods of peeling skin using certain salicylic acid derivs., to chemical skin peel compns. containing these certain salicylic acid derivs. in a carrier, preferably a dermatol. acceptable carrier, to methods of making these compns., and methods of applying this certain compound and/or composition to skin to be peeled. For example, a skin-peeling composition contained 35% 5-n-octanoylsalicylic acid mixed with a blend of ethanol/propylene glycol.

L1 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:293236 CAPLUS

DOCUMENT NUMBER: 140:309413

TITLE: Solubility-enhanced β -hydroxycarboxylic acids for high-potency skin-peeling gels
 INVENTOR(S): Cornell, Marc; Fares, Hani; Foltis, Sidney Peter; Hansenne, Isabelle

PATENT ASSIGNEE(S): Societe L'oreal S.A., Fr.

SOURCE: U.S. Pat. Appl. Publ., 5 pp., Cont.-in-part of U.S. Provisional Ser. No. 416,259.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| US 20040067243 | A1 | 20040408 | US 2003-373102 | 20030226 |
| BR 2003003931 | A | 20040908 | BR 2003-3931 | 20031002 |
| EP 1415654 | A1 | 20040506 | EP 2003-256282 | 20031006 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| MX 2003009133 | A | 20040910 | MX 2003-9133 | 20031006 |
| JP 2004131503 | A | 20040430 | JP 2003-347919 | 20031007 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 2002-416259P | P 20021007 |
| | | | US 2003-373102 | A 20030226 |

AB The solubility in solvent media, notably alc. media, of the β -hydroxycarboxylic acids (BHAs), notably the chemical skin

peeling agent salicylic acid, is markedly enhanced by solubilizing same in the presence of at least one α -hydroxycarboxylic acid. Moreover, a higher potency skin-peeling products, due to the more concentrated BHA, are thus formulated to treat various skin problems. For example, a topical skin-peeling gel contained 32% salicylic acid as the active ingredient, 3% glycolic acid crystal as the solubilizer, 2% Klucel HF as the gelling agent and 63% ethanol as the solvent.

L1 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:41238 CAPLUS
DOCUMENT NUMBER: 140:99289
TITLE: Skin compositions containing organic acids and nonionic water-soluble polymers for external use
INVENTOR(S): Hanano, Akinori
PATENT ASSIGNEE(S): Noevir Co., Ltd., Japan
SOURCE: PCT Int. Appl., 14 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|---|-----------------|------------|
| WO 2004004675 | A1 | 20040115 | WO 2003-JP101 | 20030109 |
| <p>W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW</p> <p>RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG</p> | | | | |
| AU 2003201853 | A1 | 20040123 | AU 2003-201853 | 20030109 |
| JP 3907659 | B2 | 20070418 | JP 2004-519194 | 20030109 |
| US 20060013786 | A1 | 20060119 | US 2005-520037 | 20050630 |
| PRIORITY APPLN. INFO.: | | | JP 2002-193944 | A 20020702 |
| | | | WO 2003-JP101 | W 20030109 |
| <p>AB It is intended to provide skin preps. for external use having a pH value of ≤ 2 which can be uniformly spread out on the skin surface and have excellent efficaciousness and storage stability. Namely, disclosed are skin preps. for external use having a pH value of ≤ 2 which contain one or more organic acids and one or more nonionic water-soluble polymers other than polysaccharides. The composition is suitable for use for chemical peeling treatment of skin. A composition containing 70 % glycolic acid solution 30, 2 % high-mol.-weight polyoxyethylene glycol solution 25 % was formulated.</p> | | | | |
| REFERENCE COUNT: | 12 | THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT | | |

L1 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:454385 CAPLUS
DOCUMENT NUMBER: 133:79034
TITLE: Chemical peeling compositions containing L-ascorbic acid derivatives and chemical peeling method
INVENTOR(S): Ito, Shinobu; Ogata, Eiji
PATENT ASSIGNEE(S): Showa Denko K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 17 pp.

DOCUMENT TYPE: CODEN: JKXXAF
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNT: 1 Japanese
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| JP 2000186036 | A | 20000704 | JP 1998-363316 | 19981221 |
| PRIORITY APPLN. INFO.: | | | JP 1998-295169 | A 19981016 |

OTHER SOURCE(S): MARPAT 133:79034

AB The comps., useful for treatment of wrinkle, spots, freckles, liver spot, acne, scars due to acne and burn, rough skin, pigmentation, decrease in elasticity of hair and nail, etc., contain chemical peeling agents, preferably, 2-hydroxycarboxylic acids or their derivs., and L-ascorbic acid (I) or its derivs. to prevent penetration of the agents to skin in depth and reduce skin irritation. A chemical peeling method involves application of a 1st agent containing chemical peeling agents to skin and application of a 2nd agent containing I or its derivs. once or several times before or after the 1st agents. A liquid containing sorbitol

4.0, dipropylene glycol 6.0, polyethylene glycol 1500 5.0, polyoxyethylene oleyl ether 0.5, Me cellulose 0.2, citric acid 0.01, NaOH, Na L-ascorbic acid 2-phosphate 5.0, Na dl- α -tocopherol phosphate 0.5, glycolic acid 1.0, Cl₃CCO₂H 1.0%, and H₂O balance was prepared Antiwrinkle effect and skin irritation-inducing action of the composition was examined in 100 volunteers.

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 NEWS 7 FEB 06 Patent sequence location (PSL) data added to USGENE
 NEWS 8 FEB 10 COMPENDEX reloaded and enhanced
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 equivalents from China
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 enhanced
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 AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.
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| ENTRY | SESSION |
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=> dup rem l1
PROCESSING COMPLETED FOR L1
L2 46 DUP REM L1 (2 DUPLICATES REMOVED)

=> s l2 and py<=2002
L3 9 L2 AND PY<=2002

=> s l3 ibib abs 1-9
MISSING OPERATOR L3 IBIB
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> d l3 ibib abs 1-9

L3 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:795661 CAPLUS

DOCUMENT NUMBER: 138:85503

TITLE: Stereochemical features of the hydrolysis of
9,10-epoxystearic acid catalysed by plant and
mammalian epoxide hydrolases

AUTHOR(S): Summerer, Stephan; Hanano, Abdulsamie;
Utsumi, Shigeru; Arand, Michael; Schuber, Francis;
Blee, Elizabeth

CORPORATE SOURCE: Laboratoire des Phytooxylipines, IEMP-CNRS-UPR 2357,
Strasbourg, 67 083, Fr.

SOURCE: Biochemical Journal (2002), 366(2), 471-480
CODEN: BIJOAK; ISSN: 0264-6021

PUBLISHER: Portland Press Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Cis-9,10-Epoxystearic acid was used as a tool to probe the active sites of
epoxide hydrolases (EHs) of mammalian and plant origin. We have compared
the stereochem. features of the hydrolysis of this substrate catalyzed by
soluble and membrane-bound rat liver EHs, by soluble EH (purified to apparent
homogeneity) obtained from maize seedlings or celeriac roots, and by
recombinant soybean EH expressed in yeast. Plant EHs were found to differ
in their enantioselectivity, i.e. their ability to discriminate between
the two enantiomers of 9,10-epoxystearic acid. For example, while the
maize enzyme hydrated both enantiomers at the same rate, the EH from
soybean exhibited very high enantioselectivity in favor of
9R,10S-epoxystearic acid. This latter enzyme also exhibited a strict
stereoselectivity, i.e. it hydrolyzed the racemic substrate with a very
high enantioconvergence, yielding a single chiral diol product,
threo-9R,10R-dihydroxystearic acid. Soybean EH shared these distinctive
stereochem. features with the membrane-bound rat liver EH. The
stereochem. outcome of these enzymes probably results from a

stereoselective attack by the nucleophilic residue on the oxirane ring carbon having the (S)-configuration, leading to the presumed (in plant EH) covalent acyl-enzyme intermediate. In sharp contrast, the reactions catalyzed by cytosolic rat liver EH exhibited a complete absence of enantioselectivity and enantioconvergence; this latter effect might be ascribed to a regioselective formation of the acyl-enzyme intermediate involving C-10 of 9,10-epoxystearic acid, independent of its configuration. Thus, compared with soybean EH, the active site of rat liver soluble EH displays a very distinct means of anchoring the oxirane ring of the fatty acid epoxides, and therefore appears to be a poor model for mapping the catalytic domain of plant EHs.

REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2009 ACS on SIN

ACCESSION NUMBER: 2002:129056 CAPLUS
DOCUMENT NUMBER: 136:189098
TITLE: Skin-moisturizing cosmetics for massage
INVENTOR(S): Hanano, Akinori
PATENT ASSIGNEE(S): Noevir Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| JP 2002053431 | A | 20020219 | JP 2000-240551 | 20000809 <-- |
| PRIORITY APPLN. INFO.: | | | JP 2000-240551 | 20000809 |
| OTHER SOURCE(S): MARPAT 136:189098 | | | | |
| AB The cosmetics contain polyhydric alcs., organic-modified clay minerals, and acyllactate salts. A composition containing benzyltrimethylstearylammmonium hectorite 2.0, Na isostearoyllactate 1.0, and polyethylene glycol 97.0 weight% showed good skin-moisturizing and -smoothing effects. | | | | |

L3 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2009 ACS on SIN

ACCESSION NUMBER: 2001:326216 CAPLUS
DOCUMENT NUMBER: 134:331356
TITLE: Cosmetic lotions containing heat-generating inorg. salts for massage
INVENTOR(S): Hanano, Akinori
PATENT ASSIGNEE(S): Noevir Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| JP 2001122722 | A | 20010508 | JP 1999-297693 | 19991020 <-- |
| PRIORITY APPLN. INFO.: | | | JP 1999-297693 | 19991020 |
| AB The lotions contain polyethylene glycol (average mol. weight ≤600), inorg. salts which generate heat upon hydration, and pigments. A lotion containing polyethylene glycol 75, dry powdered seawater 10, talc 10, and SiO ₂ 5 parts showed good warming effect and redispersibility of particles. | | | | |

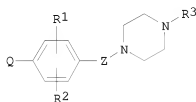
L3 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2009 ACS on SIN

ACCESSION NUMBER: 2001:192024 CAPLUS

DOCUMENT NUMBER: 134:231863
 TITLE: Piperazines and TNF- α formation inhibitors and/or IL-10 formation enhancers containing them
 INVENTOR(S): Adachi, Kunitomo; Hanano, Atsushi; Hisadome, Tadao; Fukuda, Akiko
 PATENT ASSIGNEE(S): Welfide KK, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 54 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--------|------------|-----------------|--------------|
| JP 2001072660 | A | 20010321 | JP 1999-253914 | 19990908 <-- |
| PRIORITY APPLN. INFO.: | | | JP 1999-253914 | 19990908 |
| OTHER SOURCE(S): | MARPAT | 134:231863 | | |

GI



AB Piperazines I [Q = XY, heterocyclyl; X = (un)substituted amino, etc.; Y = single bond, alkylene; Z = alkylene, etc.; R1, R2 = halo, alkyl, amino, NO2, OH; R3 = lower alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl] or their salts are useful for TNF- α formation inhibitors and/or IL-10 formation enhancers for treatment of autoimmune diseases. Lipopolysaccharide-induced TNF- α formation in mice was reduced to 10% (as compared to controls) by administration of N-[4-[3-(4-phenylpiperazin-1-yl)propyl]phenylmethyl]acetamide at 10 mg/kg p.o. Preparation procedures for the piperazines and formulation examples are given.

L3 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:772789 CAPLUS
 DOCUMENT NUMBER: 132:14690
 TITLE: anticorrosive paint coating on magnesium alloys for injection moldings of improved quality and for preventing dust formation
 INVENTOR(S): Hanano, Akira
 PATENT ASSIGNEE(S): Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| JP 11335875 | A | 19991207 | JP 1998-173761 | 19980519 <-- |
| PRIORITY APPLN. INFO.: | | | JP 1998-173761 | 19980519 |

AB The coating is applied on the Mg alloy before the injection molding in

oder to prevent the surface oxydation and to prevent the dust formation causing explosive fire.

L3 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1980:554797 CAPLUS
DOCUMENT NUMBER: 93:154797
ORIGINAL REFERENCE NO.: 93:24603a,24606a
TITLE: Quality of lime stones produced in Kumamoto, Japan,
and the use in concrete production
AUTHOR(S): Hanano, Akihisa
CORPORATE SOURCE: Kumamoto-Ken Kogyo Shikenjo, Japan
SOURCE: Kenkyu Hokoku - Kumamoto-ken Kogyo Shikenjo (1979), Volume Date 1978 147-61
CODEN: KHKSDU
DOCUMENT TYPE: Journal
LANGUAGE: Japanese
AB Local limestone was used as coarse aggregates for concrete manufacture The limestone had high d. and low water absorption, but high abrasion. Concretes made with the limestone had suitable strength, and the use of limestone as aggregates is practical.

L3 ANSWER 7 OF 9 MEDLINE on STN
ACCESSION NUMBER: 1979190728 MEDLINE
DOCUMENT NUMBER: PubMed ID: 446147
TITLE: Peripheral pulmonary embolization from central pulmonary aneurysm.
AUTHOR: Cole F H Jr; Hanano A A; Pate J W
SOURCE: Chest, (1979 Apr) Vol. 75, No. 4, pp. 517-8.
Journal code: 0231335. ISSN: 0012-3692.
PUB. COUNTRY: United States
DOCUMENT TYPE: (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 197908
ENTRY DATE: Entered STN: 15 Mar 1990
Last Updated on STN: 15 Mar 1990
Entered Medline: 16 Aug 1979
AB A 59-year-old man underwent successful repair of a pulmonary arterial aneurysm because of peripheral pulmonary embolization. These lesions are relatively rare; and, to our knowledge, peripheral embolization from such an aneurysm has not been previously reported.

L3 ANSWER 8 OF 9 MEDLINE on STN
ACCESSION NUMBER: 1964094954 MEDLINE
DOCUMENT NUMBER: PubMed ID: 14137055
TITLE: A CASE DEVELOPED A SHOCK SYMPTOM WITH BSP INJECTION.
AUTHOR: YUNOMURA R; HANANO A
SOURCE: Naika. Internal medicine, (1964 Feb) Vol. 13, pp. 383-6.
Journal code: 0413541. ISSN: 0022-1961.
PUB. COUNTRY: Japan
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: Japanese
FILE SEGMENT: OLDMEDLINE; NONMEDLINE
ENTRY MONTH: 199612
ENTRY DATE: Entered STN: 16 Jul 1999
Last Updated on STN: 16 Jul 1999
Entered Medline: 1 Dec 1996

L3 ANSWER 9 OF 9 MEDLINE on STN
ACCESSION NUMBER: 1964094472 MEDLINE

DOCUMENT NUMBER: PubMed ID: 14136574
 TITLE: STATISTICAL OBSERVATIONS ON CEREBRAL APOPLEXY SEEN AT THE CLINIC FOR 2 YEARS AND 8 MONTHS; A PRELIMINARY REPORT.
 AUTHOR: TAMURA A; YUMURA R; HANANO A
 SOURCE: [Sogo rinsho] Clinic all-round, (1964 Feb) Vol. 13, pp. 337-42.
 Journal code: 20910550R. ISSN: 0371-1900.
 PUB. COUNTRY: Japan
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: Japanese
 FILE SEGMENT: OLDMEDLINE; NONMEDLINE
 ENTRY MONTH: 199612
 ENTRY DATE: Entered STN: 16 Jul 1999
 Last Updated on STN: 16 Jul 1999
 Entered Medline: 1 Dec 1996

=> s glycolic and polyethylene and glycol and peel and skin
 L4 5 GLYCOLIC AND POLYETHYLENE AND GLYCOL AND PEEL AND SKIN

=> d 14 ibib abs 1-4

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:138982 CAPLUS
 DOCUMENT NUMBER: 150:199360
 TITLE: Compositions and methods for dermally treating neuropathy with minoxidil
 INVENTOR(S): Sanjay, Sharma; Zhang, Jie; Warner, Kevin S.
 PATENT ASSIGNEE(S): Zars Pharma, Inc., USA
 SOURCE: PCT Int. Appl., 48pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 19
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|-------------|
| WO 2009017767 | A2 | 20090205 | WO 2008-US9222 | 20080730 |
| W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| US 20080019927 | A1 | 20080124 | US 2007-888905 | 20070801 |
| PRIORITY APPLN. INFO.: | | | US 2007-888905 | A 20070801 |
| | | | US 2004-577536P | P 20040607 |
| | | | US 2005-146917 | A2 20050606 |
| | | | US 2005-750519P | P 20051214 |
| | | | US 2005-750637P | P 20051214 |
| | | | US 2006-640135 | A2 20061214 |
| | | | US 2006-640139 | A2 20061214 |

AB The present invention is drawn to adhesive solidifying formulations containing minoxidil that can be used for treating neuropathies including diabetic neuropathy. The formulation can include an amount of minoxidil, a solvent

vehicle, and a solidifying agent. The solvent vehicle can include a volatile solvent system including at least one volatile solvent, and a non-volatile solvent system including at least one non-volatile solvent capable of facilitating the delivery of the minoxidil at therapeutically effective rates over a sustained period of time. The formulation can have a viscosity suitable for application to a skin surface prior to evaporation of the volatile solvents system. When applied to the skin, the formulation can form a solidified layer after at least a portion of the volatile solvent system is evaporated. Thus, a solidifying formulation for treating diabetic neuropathy and the associated neuropathic pain was prepared containing minoxidil 5, polyvinyl alc. 22.2, propylene glycol 22.2, ethanol 4.4, 5M HCl solution 1.8, and water 44.4%, resp. A solidified peel formulation was formed when the composition obtained was spread on a silicone-coated polyester release liner and the solidified peel was stretchable by 5% in one direction without cracking or splitting.

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2009 ACS on SIN

ACCESSION NUMBER: 2007:993749 CAPLUS
DOCUMENT NUMBER: 147:330433
TITLE: Composition and method for topical treatment of tar-responsive dermatological disorders
INVENTOR(S): Yu, Ruey J.; Van Scott, Eugene J.; Lee, Yaling
PATENT ASSIGNEE(S): Tristrata, Inc., USA
SOURCE: U.S. Pat. Appl. Publ., 15pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| US 20070207222 | A1 | 20070906 | US 2007-680227 | 20070228 |
| AU 2007223560 | A1 | 20070913 | AU 2007-223560 | 20070228 |
| AU 2007223560 | A2 | 20081016 | | |
| CA 2644311 | A1 | 20070913 | CA 2007-2644311 | 20070228 |
| WO 2007103687 | A2 | 20070913 | WO 2007-US62975 | 20070228 |
| WO 2007103687 | A3 | 20081211 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | | |
| EP 1998788 | A2 | 20081210 | EP 2007-757636 | 20070228 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | | |

PRIORITY APPLN. INFO.: US 2006-778128P P 20060301
WO 2007-US62975 W 20070228

AB The present invention relates to a composition including a wax and a therapeutically effective amount of tar for topical treatment of a tar-responsive dermatol. disorder, the composition being in liquid or light gel form when at a temperature selected from room temperature and a temperature of skin of a mammal upon application of the composition to the skin of the

mammal. The invention also relates to a method of treating a tar-responsive dermatol. disorder by topically applying the composition to skin of a mammal, preferably a human, that is affected by the disorder. Thus, a fast-drying liquid tar composition was formulated containing coal tar solution 15 g, ethanol 42 g, propylene glycol 5 g, cyclomethicone (DC 345) 15 g, tri-Et citrate 5 g, Brij 93 10 g, liquid wax DIADD (dioctyldodecyl dodecanedioate) 5 g, and an optional fragrance 3 g. Topical application of the composition for 4 mo to a human subject having plaque psoriasis resulted in 90% improvement of clin. signs of disorder.

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:670139 CAPLUS
DOCUMENT NUMBER: 147:79575
TITLE: Compositions comprising drugs, a solvent vehicle, and a solidifying agent for dermally treating pain
INVENTOR(S): Zhang, Jie; Warner, Kevin S.; Sharma, Sanjay
PATENT ASSIGNEE(S): Zars, Inc., USA
SOURCE: PCT Int. Appl., 84pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 19
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|------------------|------------|
| WO 2007070679 | A2 | 20070621 | WO 2006-US47926 | 20061214 |
| WO 2007070679 | A3 | 20090108 | | |
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| RW: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | |
| AU 2006326018 | A1 | 20070621 | AU 2006-326018 | 20061214 |
| CA 2633515 | A1 | 20070621 | CA 2006-2633515 | 20061214 |
| AU 2006339350 | A1 | 20070907 | AU 2006-339350 | 20061214 |
| CA 2633464 | A1 | 20070907 | CA 2006-2633464 | 20061214 |
| EP 1959931 | A2 | 20080827 | EP 2006-848632 | 20061214 |
| R: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | |
| EP 1968541 | A2 | 20080917 | EP 2006-849969 | 20061214 |
| R: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | |
| IN 2008MN01481 | A | 20081010 | IN 2008-MN1481 | 20080714 |
| IN 2008MN01485 | A | 20081017 | IN 2008-MN1485 | 20080714 |
| CN 101370453 | A | 20090218 | CN 2006-80052642 | 20080811 |
| PRIORITY APPLN. INFO.: | | | US 2005-750519P | P 20051214 |
| | | | US 2005-750637P | P 20051214 |
| | | | US 2005-750683P | P 20051214 |
| | | | US 2005-750521P | P 20051214 |
| | | | WO 2006-US47926 | W 20061214 |
| | | | WO 2006-US48059 | W 20061214 |

AB The present invention is drawn to solidifying formulations for dermal delivery of a drug for treating pain, such as musculoskeletal pain, inflammation, joint pain, or neuropathic pain. The formulation can include a drug selected from certain drug classes, a solvent vehicle, and a solidifying agent. The solvent vehicle can include a volatile solvent system comprising at least one volatile solvent, and a non-volatile solvent system comprising at least one non-volatile solvent, wherein the evaporation of at least some of the volatile solvent converts the formulation on the skin into a solidified layer and the non-volatile solvent system is capable of facilitating the topical delivery of the drug(s) at therapeutically effective rates over a sustained period of time. Using hairless mouse skin permeation expts., a formulation of ropivacaine, the non-volatile solvents glycerol and Tween 20 had low steady state flux values and would not be considered "flux-enabling", but mineral oil and isostearic acid are flux-enabling solvents and are good candidates for evaluation with solidifying agents and volatile solvents to design an acceptable peel formulation.

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:1282494 CAPLUS
DOCUMENT NUMBER: 144:40380
TITLE: Alcohol-based hand sanitizing composition
INVENTOR(S): Brown, James Steven
PATENT ASSIGNEE(S): James Steven Brown, USA
SOURCE: Brit. UK Pat. Appl., 53 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|-------------|
| GB 2414666 | A | 20051207 | GB 2004-12329 | 20040603 |
| GB 2414666 | B | 20090107 | | |
| GB 2452189 | A | 20090225 | GB 2008-21820 | 20040603 |
| US 20050271595 | A1 | 20051208 | US 2005-102017 | 20050409 |
| AU 2005327300 | A1 | 20060817 | AU 2005-327300 | 20050601 |
| CA 2568888 | A1 | 20060817 | CA 2005-2568888 | 20050601 |
| WO 2006085907 | A2 | 20060817 | WO 2005-US18992 | 20050601 |
| WO 2006085907 | A3 | 20061005 | | |
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| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| EP 1765260 | A2 | 20070328 | EP 2005-856772 | 20050601 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU | | | | |
| JP 2008508189 | T | 20080321 | JP 2007-515471 | 20050601 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | GB 2004-12329 | A3 20040603 |
| | | | US 2005-102017 | A 20050409 |
| | | | WO 2005-US18992 | W 20050601 |

AB The invention provides a sanitizing composition in the form of a viscous liquid

or gel suitable for use as a handwashing composition comprising alc., water and a thickener wherein the viscous liquid or gel has particles suspended therein, wherein said particles provide the composition with a granular texture and are capable of being worn away when rubbed. The particles may deliver one or more agents to the skin, e.g. antimicrobial, antibacterial or antiviral agents, emollients and/or moisturizers, fragrances, colorings or UV markers. For example, a composition contained ethanol 62.0%, Carbopol ETD 2020 thickener 0.3%, diisopropanolamine 0.01%, disodium EDTA 0.01%, suspended particles Florasomes MXS Blue with fragrance and Fluorescent Brightener 236 0.5% and Florasomes MXS with triclosan 0.8%, and water to 100%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s glycolic and polyethylene and peel and skin
L5 9 GLYCOLIC AND POLYETHYLENE AND PEEL AND SKIN

=> d 15 ibib abs 1-9

L5 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:138982 CAPLUS

DOCUMENT NUMBER: 150:199360

TITLE: Compositions and methods for dermally treating neuropathy with minoxidil

INVENTOR(S): Sanjay, Sharma; Zhang, Jie; Warner, Kevin S.

PATENT ASSIGNEE(S): Zars Pharma, Inc., USA

SOURCE: PCT Int. Appl., 48pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 19

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|-----------------|-------------|
| WO 2009017767 | A2 | 20090205 | WO 2008-US9222 | 20080730 |
| W: | AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | |
| RW: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| US 20080019927 | A1 | 20080124 | US 2007-888905 | 20070801 |
| PRIORITY APPLN. INFO.: | | | US 2007-888905 | A 20070801 |
| | | | US 2004-577536P | P 20040607 |
| | | | US 2005-146917 | A2 20050606 |
| | | | US 2005-750519P | P 20051214 |
| | | | US 2005-750637P | P 20051214 |
| | | | US 2006-640135 | A2 20061214 |
| | | | US 2006-640139 | A2 20061214 |

AB The present invention is drawn to adhesive solidifying formulations containing minoxidil that can be used for treating neuropathies including diabetic neuropathy. The formulation can include an amount of minoxidil, a solvent vehicle, and a solidifying agent. The solvent vehicle can include a volatile solvent system including at least one volatile solvent, and a

non-volatile solvent system including at least one non-volatile solvent capable of facilitating the delivery of the minoxidil at therapeutically effective rates over a sustained period of time. The formulation can have a viscosity suitable for application to a skin surface prior to evaporation of the volatile solvents system. When applied to the skin, the formulation can form a solidified layer after at least a portion of the volatile solvent system is evaporated. Thus, a solidifying formulation for treating diabetic neuropathy and the associated neuropathic pain was prepared containing minoxidil 5, polyvinyl alc. 22.2, propylene glycol 22.2, ethanol 4.4, 5M HCl solution 1.8, and water 44.4%, resp. A solidified peel formulation was formed when the composition obtained was spread on a silicone-coated polyester release liner and the solidified peel was stretchable by 5% in one direction without cracking or splitting.

L5 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:993749 CAPLUS

DOCUMENT NUMBER: 147:330433

TITLE: Composition and method for topical treatment of tar-responsive dermatological disorders

INVENTOR(S): Yu, Ruey J.; Van Scott, Eugene J.; Lee, Yaling

PATENT ASSIGNEE(S): Tristrata, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 15pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| US 20070207222 | A1 | 20070906 | US 2007-680227 | 20070228 |
| AU 2007223560 | A1 | 20070913 | AU 2007-223560 | 20070228 |
| AU 2007223560 | A2 | 20081016 | | |
| CA 2644311 | A1 | 20070913 | CA 2007-2644311 | 20070228 |
| WO 2007103687 | A2 | 20070913 | WO 2007-US62975 | 20070228 |
| WO 2007103687 | A3 | 20081211 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | | |
| EP 1998788 | A2 | 20081210 | EP 2007-757636 | 20070228 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | | |

PRIORITY APPLN. INFO.: US 2006-778128P P 20060301
WO 2007-US62975 W 20070228

AB The present invention relates to a composition including a wax and a therapeutically effective amount of tar for topical treatment of a tar-responsive dermatol. disorder, the composition being in liquid or light gel form when at a temperature selected from room temperature and a temperature of skin of a mammal upon application of the composition to the skin of the mammal. The invention also relates to a method of treating a tar-responsive dermatol. disorder by topically applying the composition to

skin of a mammal, preferably a human, that is affected by the disorder. Thus, a fast-drying liquid tar composition was formulated containing coal tar solution 15 g, ethanol 42 g, propylene glycol 5 g, cyclomethicone (DC 345) 15 g, tri-Et citrate 5 g, Brij 93 10 g, liquid wax DIADD (dioctyldodecyl dodecanedioate) 5 g, and an optional fragrance 3 g. Topical application of the composition for 4 mo to a human subject having plaque psoriasis resulted in 90% improvement of clin. signs of disorder.

L5 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:670139 CAPLUS

DOCUMENT NUMBER: 147:79575

TITLE: Compositions comprising drugs, a solvent vehicle, and a solidifying agent for dermally treating pain

INVENTOR(S): Zhang, Jie; Warner, Kevin S.; Sharma, Sanjay

PATENT ASSIGNEE(S): Zars, Inc., USA

SOURCE: PCT Int. Appl., 84pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 19

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|------------|
| WO 2007070679 | A2 | 20070621 | WO 2006-US47926 | 20061214 |
| WO 2007070679 | A3 | 20090108 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | | |
| AU 2006326018 | A1 | 20070621 | AU 2006-326018 | 20061214 |
| CA 2633515 | A1 | 20070621 | CA 2006-2633515 | 20061214 |
| AU 2006339350 | A1 | 20070907 | AU 2006-339350 | 20061214 |
| CA 2633464 | A1 | 20070907 | CA 2006-2633464 | 20061214 |
| EP 1959931 | A2 | 20080827 | EP 2006-848632 | 20061214 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | | |
| EP 1968541 | A2 | 20080917 | EP 2006-849969 | 20061214 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | | |
| IN 2008MN01481 | A | 20081010 | IN 2008-MN1481 | 20080714 |
| IN 2008MN01485 | A | 20081017 | IN 2008-MN1485 | 20080714 |
| CN 101370453 | A | 20090218 | CN 2006-80052642 | 20080811 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 2005-750519P | P 20051214 |
| | | | US 2005-750637P | P 20051214 |
| | | | US 2005-750683P | P 20051214 |
| | | | US 2005-750521P | P 20051214 |
| | | | WO 2006-US47926 | W 20061214 |
| | | | WO 2006-US48059 | W 20061214 |

AB The present invention is drawn to solidifying formulations for dermal delivery of a drug for treating pain, such as musculoskeletal pain,

inflammation, joint pain, or neuropathic pain. The formulation can include a drug selected from certain drug classes, a solvent vehicle, and a solidifying agent. The solvent vehicle can include a volatile solvent system comprising at least one volatile solvent, and a non-volatile solvent system comprising at least one non-volatile solvent, wherein the evaporation of at least some of the volatile solvent converts the formulation on the skin into a solidified layer and the non-volatile solvent system is capable of facilitating the topical delivery of the drug(s) at therapeutically effective rates over a sustained period of time. Using hairless mouse skin permeation expts., a formulation of ropivacaine, the non-volatile solvents glycerol and Tween 20 had low steady state flux values and would not be considered "flux-enabling", but mineral oil and isostearic acid are flux-enabling solvents and are good candidates for evaluation with solidifying agents and volatile solvents to design an acceptable peel formulation.

L5 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:1282494 CAPLUS
DOCUMENT NUMBER: 144:40380
TITLE: Alcohol-based hand sanitizing composition
INVENTOR(S): Brown, James Steven
PATENT ASSIGNEE(S): James Steven Brown, USA
SOURCE: Brit. UK Pat. Appl., 53 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|-------------|
| GB 2414666 | A | 20051207 | GB 2004-12329 | 20040603 |
| GB 2414666 | B | 20090107 | | |
| GB 2452189 | A | 20090225 | GB 2008-21820 | 20040603 |
| US 20050271595 | A1 | 20051208 | US 2005-102017 | 20050409 |
| AU 2005327300 | A1 | 20060817 | AU 2005-327300 | 20050601 |
| CA 2568888 | A1 | 20060817 | CA 2005-2568888 | 20050601 |
| WO 2006085907 | A2 | 20060817 | WO 2005-US18992 | 20050601 |
| WO 2006085907 | A3 | 20061005 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| EP 1765260 | A2 | 20070328 | EP 2005-856772 | 20050601 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU | | | | |
| JP 2008508189 | T | 20080321 | JP 2007-515471 | 20050601 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | GB 2004-12329 | A3 20040603 |
| | | | US 2005-102017 | A 20050409 |
| | | | WO 2005-US18992 | W 20050601 |

AB The invention provides a sanitizing composition in the form of a viscous liquid or gel suitable for use as a handwashing composition comprising alc., water and a thickener wherein the viscous liquid or gel has particles suspended

therein, wherein said particles provide the composition with a granular texture and are capable of being worn away when rubbed. The particles may deliver one or more agents to the skin, e.g. antimicrobial, antibacterial or antiviral agents, emollients and/or moisturizers, fragrances, colorings or UV markers. For example, a composition contained ethanol 62.0%, Carbopol ETD 2020 thickener 0.3%, diisopropanolamine 0.01%, disodium EDTA 0.01%, suspended particles Florasomes MXS Blue with fragrance and Fluorescent Brightener 236 0.5% and Florasomes MXS with triclosan 0.8%, and water to 100%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:934139 CAPLUS
DOCUMENT NUMBER: 141:400499
TITLE: Cosmetic and pharmaceutical ion-pair delivery system based masks comprising biopolymer based films cross-linked with metal cations
INVENTOR(S): Gupta, Shyam K.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 9 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 20040219124 | A1 | 20041104 | US 2003-249701 | 20030501 |
| US 20060198805 | A1 | 20060907 | US 2005-164709 | 20051202 |
| PRIORITY APPLN. INFO.: | | | US 2003-249701 | A2 20030501 |

AB The present invention discloses a novel ion-pair delivery system based mask compns. for face, hair, skin, and body applications. These compns. come off from the site of their application essentially in one piece with the appearance, for example, of a piece of sea-weed or a continuous film. These mask compns. are suitable for a variety of delivery system methods, such as peel-off mask, moisturizing mask, exfoliating mask, prosthetic mask, soaking mask, depilatory mask, rub-off mask, two-phase mask, two-compartment mask, heat-releasing mask, and such. These mask compns. are made from the biopolymer based films that are cross-linked with divalent or trivalent metal cations. During the crosslinking process, such divalent and trivalent metal cations may also act as release agents for other face, hair, skin, and body beneficial compns. in their enhanced bioavailable forms by an ion-pair activation mechanism.

L5 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:681187 CAPLUS
DOCUMENT NUMBER: 141:194959
TITLE: Skin firming anti-aging cosmetic compositions
INVENTOR(S): Gupta, Shyam K.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 12 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

 US 20040161435 A1 20040819 US 2003-248753 20030214
 PRIORITY APPLN. INFO.: US 2003-248753 20030214
 AB Cosmetic mask compns. suitable for face, neck, chin or body applications
 are disclosed. These compns. synergistically combine at least 1
 skin beneficial cosmetic or pharmaceutical composition with at least
 one composition to promote excess fat reduction, cellulite control, or muscle
 toning benefits. The mask composition also contains at least one binder
 composition
 that binds with other beneficial ingredients by electrostatic, atomic, or
 ionic charges to synergistically enhance their topical site-specific
 benefits. These mask compns. are suitable for a variety of delivery
 system methods that include, e.g., peel-off mask, leave-in mask,
 moisturizing mask, and exfoliating mask. Thua, a facial mask composition
 contained chitosan 5.0, lactic acid 5.0, glycerin 18.0, water 65.8,
 hydroxycitric acid 5.0, niacinamide 0.5, glutathione, and preservatives
 0.5%.

L5 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:681176 CAPLUS
 DOCUMENT NUMBER: 141:195302
 TITLE: Skin peeling composition containing
 salicylic acid derivatives
 INVENTOR(S): Hansenne, Isabelle; Fares, Hani; Cornell, Marc;
 Foltis, Sidney P.
 PATENT ASSIGNEE(S): L'Oreal S.A., Fr.
 SOURCE: U.S. Pat. Appl. Publ., 8 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| US 20040161392 | A1 | 20040819 | US 2003-367952 | 20030219 |
| WO 2004073605 | A2 | 20040902 | WO 2004-US1527 | 20040120 |
| WO 2004073605 | A3 | 20050707 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP 1601339 | A2 | 20051207 | EP 2004-703693 | 20040120 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2004007227 | A | 20060131 | BR 2004-7227 | 20040120 |
| JP 2006518340 | T | 20060810 | JP 2005-518836 | 20040120 |
| US 20080146529 | A1 | 20080619 | US 2008-10897 | 20080131 |
| PRIORITY APPLN. INFO.: | | | US 2003-367952 | A 20030219 |
| | | | WO 2004-US1527 | W 20040120 |

OTHER SOURCE(S): MARPAT 141:195302

AB The present invention relates to methods of peeling skin using certain salicylic acid derivs., to chemical skin peel compns. containing these certain salicylic acid derivs. in a carrier, preferably a dermatol. acceptable carrier, to methods of making these compns., and methods of applying this certain compound and/or composition to skin to be peeled. For example, a skin-peeling composition contained 35% 5-n-octanoylsalicylic acid mixed with a blend of

ethanol/propylene glycol.

L5 ANSWER 8 OF 9 MEDLINE on STN
ACCESSION NUMBER: 2006740824 MEDLINE
DOCUMENT NUMBER: PubMed ID: 17179618
TITLE: Preparation and evaluation of cosmetic patches containing
lactic and glycolic acids.
AUTHOR: Mahdavi H; Kermani Z; Faghihi G; Asilian A; Hamishehkar H;
Jamshidi A
CORPORATE SOURCE: Department of Novel Drug Delivery Systems, Science Faculty,
Iran Polymer and Petrochemical Institute, Tehran, Iran..
H.Mahdavi@ippi.ac.ir
SOURCE: Indian journal of dermatology, venereology and leprology,
(2006 Nov-Dec) Vol. 72, No. 6, pp. 432-6.
Journal code: 7701852. E-ISSN: 0973-3922.
PUB. COUNTRY: India
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200701
ENTRY DATE: Entered STN: 21 Dec 2006
Last Updated on STN: 27 Jan 2007
Entered Medline: 26 Jan 2007

AB BACKGROUND: Alpha-hydroxy acids such as glycolic acid (GA) and
lactic acid (LA), are used in cosmetic patches. The important fact in
cosmetic patches is its suitable adhesion and peel properties.
AIM: The objective of this study was to prepare LA- and GA-containing
cosmetic patches and evaluate in-vitro/in-vivo correlation of adhesion
properties. METHODS: Pressure-sensitive adhesives with different
concentrations of GA and LA were cast on a polyethylene
terephthalate film. The patches were evaluated for peel
adhesive strength. On the basis of in vitro adhesion properties the
patches were selected for wear performance tests and skin
irritation potential. RESULTS: The adhesion properties (adhesion to steel
plate and skin) and cohesive strength tests indicated the
substantial influence of GA and LA concentrations. Based on in vitro
adhesion studies the patches containing 3% (w/w) GA were selected for in
vivo studies. In vivo studies show that a formulation containing 3% GA
displays good adhesion on the skin, but it leaves little
residue on the skin. Skin Irritation studies on
healthy human volunteers showed negligible erythema at the site of
application after 48 h. CONCLUSION: The noninvasive patch test model was
found useful for detecting irritant skin reactions to the
cosmetic patch containing GA. Our results demonstrated a strong
correlation between the adhesion to steel plate and adhesion to
skin. But a weak correlation between the degree of adhesive
residue on the skin in in vitro and in vivo tests was observed
for the formulation containing 3% (w/w) GA.

L5 ANSWER 9 OF 9 MEDLINE on STN
ACCESSION NUMBER: 2003610331 MEDLINE
DOCUMENT NUMBER: PubMed ID: 14692936
TITLE: The treatment of hypopigmentation after skin
resurfacing.
AUTHOR: Fulton James E Jr; Rahimi A David; Mansoor Sohail; Helton
Peter; Shitabata Paul
CORPORATE SOURCE: Fulton Skin Institute, Tustin, California, USA.
SOURCE: Dermatologic surgery : official publication for American
Society for Dermatologic Surgery [et al.], (2004 Jan) Vol.
30, No. 1, pp. 95-101.
Journal code: 9504371. ISSN: 1076-0512.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200403
ENTRY DATE: Entered STN: 25 Dec 2003
Last Updated on STN: 12 Mar 2004
Entered Medline: 11 Mar 2004

AB BACKGROUND: Hypopigmentation has plagued all methods of skin resurfacing. Whether the physician uses chemical peels, dermabrasion or laser resurfacing hypopigmentation can develop. OBJECTIVE: To examine the pathogenesis and treatment of hypopigmentation after resurfacing. METHODS: Areas of hypopigmentation after skin resurfacing were blended in with laser-assisted chemabrasion (LACA). The process begins with preconditioning of the skin with vitamin A/ glycolic skin conditioning lotions. Then the area is resurfaced with the LACA. This resurfacing usually requires three to four freeze-sand cycles to remove the areas of hypopigmentation associated with dermal fibrosis. The resurfaced skin is then occluded with a combination of polyethylene/silicone sheeting during the acute phase of wound healing. Ultraviolet photography and histologic examination were used to demonstrate the improvement in dermal fibrosis and hypopigmentation. RESULTS: The LACA improved areas of hypopigmentation in the 22 cases studied. Under occlusive wound dressings, the melanocytes migrated into the areas of hypopigmentation, and the wounds healed without extensive fibrosis. This produced a blending of skin color. CONCLUSION: It is possible with skin preconditioning, LACA, and occlusive wound healing to provide for a wound healing environment that blends in areas of hypopigmentation that have developed after previous skin resurfacing.

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| NEWS | 4 | JAN 07 | WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data |
| NEWS | 5 | FEB 02 | Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE |
| NEWS | 6 | FEB 02 | GENBANK enhanced with SET PLURALS and SET SPELLING |
| NEWS | 7 | FEB 06 | Patent sequence location (PSL) data added to USGENE |
| NEWS | 8 | FEB 10 | COMPENDEX reloaded and enhanced |
| NEWS | 9 | FEB 11 | WTEXTILES reloaded and enhanced |
| NEWS | 10 | FEB 19 | New patent-examiner citations in 300,000 CA/CAPLUS patent records provide insights into related prior |

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NEWS 13 FEB 23 MEDLINE now offers more precise author group fields
and 2009 MeSH terms
NEWS 14 FEB 23 TOXCENTER updates mirror those of MEDLINE - more
precise author group fields and 2009 MeSH terms
NEWS 15 FEB 23 Three million new patent records blast AEROSPACE into
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NEWS 16 FEB 25 USGENE enhanced with patent family and legal status
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applications and grants
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NEWS 20 MAR 20 CAS databases on STN enhanced with new super role
for nanomaterial substances
NEWS 21 MAR 23 CA/Caplus enhanced with more than 250,000 patent
equivalents from China
NEWS 22 MAR 30 IMSPATENTS reloaded and enhanced
NEWS 23 APR 03 CAS coverage of exemplified prophetic substances
enhanced
NEWS 24 APR 07 STN is raising the limits on saved answers

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AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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                                                    ENTRY        SESSION
FULL ESTIMATED COST                               0.22           0.22

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L1 2 PEG 45M

=> d l1 ibib abs 1-2

L1 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:975589 CAPLUS
DOCUMENT NUMBER: 143:253460
TITLE: Hair treatment compositions containing surfactants and
polyethylene glycol
INVENTOR(S): Cajan, Christine; Lehn, Jutta
PATENT ASSIGNEE(S): KPSS-KAO Professional Salon Services GmbH, Germany
SOURCE: Eur. Pat. Appl., 18 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|--|-----------------|------------|
| EP 1570833 | A1 | 20050907 | EP 2004-5224 | 20040305 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK | | | | |
| US 20050196372 | A1 | 20050908 | US 2005-70173 | 20050302 |
| PRIORITY APPLN. INFO.: OTHER SOURCE(S): | MARPAT 143:253460 | | EP 2004-5224 | A 20040305 |
| AB | The present invention concerns a hair treatment composition in the form of an emulsion, preferably of a microemulsion, which improves hair quality in terms of softness, shine and touch feeling. Emulsion type of hair treatment composition is characterized in that it comprises in a cosmetically acceptable aqueous medium surfactants as emulsifiers, natural and/or mineral oil, silicone oil, and at least one polyethylene glycol with a mol. weight of >10,000. Thus, a formulation comprised Dimethicone 2.00, mineral oil 15.00, PEG-7 glyceryl cocoate 10.00, and Ceteareth-20 20.00 in Phase A, PEG-45M 0.40, DMDM hydantoin 0.20, propylene glycol 5.00, glycerin 15.00, PVP 2.00 and water qs to 100% in Phase B, and 0.30% perfume in phase C. | | | |
| REFERENCE COUNT: | 5 | THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT | | |

L1 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:89458 CAPLUS
DOCUMENT NUMBER: 142:182927
TITLE: Surfactant-free shaving composition
INVENTOR(S): Heike, Kerstin; Treu, Jens; Post, Katharina; Wolter, Kathrin
PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany
SOURCE: Eur. Pat. Appl., 15 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| EP 1502581 | A1 | 20050202 | EP 2004-102782 | 20040617 |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR

| | | | | |
|----------------|----|----------|------------------|----------|
| DE 10336044 | A1 | 20050217 | DE 2003-10336044 | 20030801 |
| US 20050036975 | A1 | 20050217 | US 2004-910202 | 20040802 |

PRIORITY APPLN. INFO.: DE 2003-10336044 A 20030801

AB The invention concerns shaving compns. for elec. shaving that contain a lipid and emulsifiers or does not contain emulsifiers or does not contain lipids and emulsifiers but contains crosslinked polyacrylates, glycerin, Xanthan gum and water; the compns. are free of surfactants, especially sarcosinates and have viscosities of 500-5000 mPa at room temperature Further ingredients are polyethylene glycol, hydrogenated-ethoxylated castor oil, cellulose derivs.; and for lipid-containing preps. ethylhexyl cocoate or other carboxylic acid esters are used. Thus a shaving emulsion contained (weight/weight%): Acrylates/C10-30 alkyl acrylate crosspolymer 0.5000; ethylhexyl cocoate 1.0000; biosaccharide gum 3.0000; isohexadecane 4.0000; PEG-45M 0.5000; sodium hydroxide 0.1000; tricetareth-4 phosphate 1.5000; Xanthan gum 0.2000; fragrance 0.0500; water to 100.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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